

3. pielikums

UR10 galvenā vadības bloka kods

```
def tcp_client_v3():
set_standard_analog_input_domain(0, 1)
set_standard_analog_input_domain(1, 1)
set_tool_analog_input_domain(0, 1)
set_tool_analog_input_domain(1, 1)
set_analog_outputdomain(0, 1)
set_analog_outputdomain(1, 1)
set_tool_voltage(0)
set_input_actions_to_default()
set_tcp(p[0.0,0.0,0.0,0.0,0.0,0.0])
set_payload(2.0, [0.0, 0.0, 0.1])
set_gravity([0.0, 0.0, 9.82])
$ 1 "BeforeStart"
$ 2 "speed:=0.01"
global speed=0.01
$ 3 "loop_counter:=0"
global loop_counter=0
$ 4 "counter:=0"
global counter=0
$ 5 "socket:=socket_open('192.168.80.10', 888)"
global socket=socket_open("192.168.80.10", 888)
$ 6 "point:=p[0.0,0.0,0.0]"
global point=p[0.0,0.0,0.0]
$ 7 "Script: masivsV3.script"
m_point_0=p[0.0,0.0,0.0]
m_point_1=p[0.0,0.0,0.0]
m_point_2=p[0.0,0.0,0.0]
m_point_3=p[0.0,0.0,0.0]
m_point_4=p[0.0,0.0,0.0]
m_point_5=p[0.0,0.0,0.0]
m_point_6=p[0.0,0.0,0.0]
m_point_7=p[0.0,0.0,0.0]
m_point_8=p[0.0,0.0,0.0]
m_point_9=p[0.0,0.0,0.0]
m_point_10=p[0.0,0.0,0.0]
m_point_11=p[0.0,0.0,0.0]
m_point_12=p[0.0,0.0,0.0]
m_point_13=p[0.0,0.0,0.0]
m_point_14=p[0.0,0.0,0.0]
m_point_15=p[0.0,0.0,0.0]
m_point_16=p[0.0,0.0,0.0]
m_point_17=p[0.0,0.0,0.0]
m_point_18=p[0.0,0.0,0.0]
m_point_19=p[0.0,0.0,0.0]
m_point_20=p[0.0,0.0,0.0]
m_point_21=p[0.0,0.0,0.0]
m_point_22=p[0.0,0.0,0.0]
m_point_23=p[0.0,0.0,0.0]
m_point_24=p[0.0,0.0,0.0]
m_point_25=p[0.0,0.0,0.0]
m_point_26=p[0.0,0.0,0.0]
m_point_27=p[0.0,0.0,0.0]
m_point_28=p[0.0,0.0,0.0]
m_point_29=p[0.0,0.0,0.0]
m_point_30=p[0.0,0.0,0.0]
m_point_31=p[0.0,0.0,0.0]
m_point_32=p[0.0,0.0,0.0]
m_point_33=p[0.0,0.0,0.0]
m_point_34=p[0.0,0.0,0.0]
m_point_35=p[0.0,0.0,0.0]
m_point_36=p[0.0,0.0,0.0]
```

m_point_37=p[0,0,0,0,0,0]
m_point_38=p[0,0,0,0,0,0]
m_point_39=p[0,0,0,0,0,0]
m_point_40=p[0,0,0,0,0,0]
m_point_41=p[0,0,0,0,0,0]
m_point_42=p[0,0,0,0,0,0]
m_point_43=p[0,0,0,0,0,0]
m_point_44=p[0,0,0,0,0,0]
m_point_45=p[0,0,0,0,0,0]
m_point_46=p[0,0,0,0,0,0]
m_point_47=p[0,0,0,0,0,0]
m_point_48=p[0,0,0,0,0,0]
m_point_49=p[0,0,0,0,0,0]
m_point_50=p[0,0,0,0,0,0]
m_point_51=p[0,0,0,0,0,0]
m_point_52=p[0,0,0,0,0,0]
m_point_53=p[0,0,0,0,0,0]
m_point_54=p[0,0,0,0,0,0]
m_point_55=p[0,0,0,0,0,0]
m_point_56=p[0,0,0,0,0,0]
m_point_57=p[0,0,0,0,0,0]
m_point_58=p[0,0,0,0,0,0]
m_point_59=p[0,0,0,0,0,0]
m_point_60=p[0,0,0,0,0,0]
m_point_61=p[0,0,0,0,0,0]
m_point_62=p[0,0,0,0,0,0]
m_point_63=p[0,0,0,0,0,0]
m_point_64=p[0,0,0,0,0,0]
m_point_65=p[0,0,0,0,0,0]
m_point_66=p[0,0,0,0,0,0]
m_point_67=p[0,0,0,0,0,0]
m_point_68=p[0,0,0,0,0,0]
m_point_69=p[0,0,0,0,0,0]
m_point_70=p[0,0,0,0,0,0]
m_point_71=p[0,0,0,0,0,0]
m_point_72=p[0,0,0,0,0,0]
m_point_73=p[0,0,0,0,0,0]
m_point_74=p[0,0,0,0,0,0]
m_point_75=p[0,0,0,0,0,0]
m_point_76=p[0,0,0,0,0,0]
m_point_77=p[0,0,0,0,0,0]
m_point_78=p[0,0,0,0,0,0]
m_point_79=p[0,0,0,0,0,0]
m_point_80=p[0,0,0,0,0,0]
m_point_81=p[0,0,0,0,0,0]
m_point_82=p[0,0,0,0,0,0]
m_point_83=p[0,0,0,0,0,0]
m_point_84=p[0,0,0,0,0,0]
m_point_85=p[0,0,0,0,0,0]
m_point_86=p[0,0,0,0,0,0]
m_point_87=p[0,0,0,0,0,0]
m_point_88=p[0,0,0,0,0,0]
m_point_89=p[0,0,0,0,0,0]
m_point_90=p[0,0,0,0,0,0]
m_point_91=p[0,0,0,0,0,0]
m_point_92=p[0,0,0,0,0,0]
m_point_93=p[0,0,0,0,0,0]
m_point_94=p[0,0,0,0,0,0]
m_point_95=p[0,0,0,0,0,0]
m_point_96=p[0,0,0,0,0,0]
m_point_97=p[0,0,0,0,0,0]
m_point_98=p[0,0,0,0,0,0]
m_point_99=p[0,0,0,0,0,0]
m_point_100=p[0,0,0,0,0,0]
m_point_101=p[0,0,0,0,0,0]
m_point_102=p[0,0,0,0,0,0]
m_point_103=p[0,0,0,0,0,0]
m_point_104=p[0,0,0,0,0,0]
m_point_105=p[0,0,0,0,0,0]
m_point_106=p[0,0,0,0,0,0]

m_point_107=p[0,0,0,0,0,0]
m_point_108=p[0,0,0,0,0,0]
m_point_109=p[0,0,0,0,0,0]
m_point_110=p[0,0,0,0,0,0]
m_point_111=p[0,0,0,0,0,0]
m_point_112=p[0,0,0,0,0,0]
m_point_113=p[0,0,0,0,0,0]
m_point_114=p[0,0,0,0,0,0]
m_point_115=p[0,0,0,0,0,0]
m_point_116=p[0,0,0,0,0,0]
m_point_117=p[0,0,0,0,0,0]
m_point_118=p[0,0,0,0,0,0]
m_point_119=p[0,0,0,0,0,0]
m_point_120=p[0,0,0,0,0,0]
m_point_121=p[0,0,0,0,0,0]
m_point_122=p[0,0,0,0,0,0]
m_point_123=p[0,0,0,0,0,0]
m_point_124=p[0,0,0,0,0,0]
m_point_125=p[0,0,0,0,0,0]
m_point_126=p[0,0,0,0,0,0]
m_point_127=p[0,0,0,0,0,0]
m_point_128=p[0,0,0,0,0,0]
m_point_129=p[0,0,0,0,0,0]
m_point_130=p[0,0,0,0,0,0]
m_point_131=p[0,0,0,0,0,0]
m_point_132=p[0,0,0,0,0,0]
m_point_133=p[0,0,0,0,0,0]
m_point_134=p[0,0,0,0,0,0]
m_point_135=p[0,0,0,0,0,0]
m_point_136=p[0,0,0,0,0,0]
m_point_137=p[0,0,0,0,0,0]
m_point_138=p[0,0,0,0,0,0]
m_point_139=p[0,0,0,0,0,0]
m_point_140=p[0,0,0,0,0,0]
m_point_141=p[0,0,0,0,0,0]
m_point_142=p[0,0,0,0,0,0]
m_point_143=p[0,0,0,0,0,0]
m_point_144=p[0,0,0,0,0,0]
m_point_145=p[0,0,0,0,0,0]
m_point_146=p[0,0,0,0,0,0]
m_point_147=p[0,0,0,0,0,0]
m_point_148=p[0,0,0,0,0,0]
m_point_149=p[0,0,0,0,0,0]
m_point_150=p[0,0,0,0,0,0]
m_point_151=p[0,0,0,0,0,0]
m_point_152=p[0,0,0,0,0,0]
m_point_153=p[0,0,0,0,0,0]
m_point_154=p[0,0,0,0,0,0]
m_point_155=p[0,0,0,0,0,0]
m_point_156=p[0,0,0,0,0,0]
m_point_157=p[0,0,0,0,0,0]
m_point_158=p[0,0,0,0,0,0]
m_point_159=p[0,0,0,0,0,0]
m_point_160=p[0,0,0,0,0,0]
m_point_161=p[0,0,0,0,0,0]
m_point_162=p[0,0,0,0,0,0]
m_point_163=p[0,0,0,0,0,0]
m_point_164=p[0,0,0,0,0,0]
m_point_165=p[0,0,0,0,0,0]
m_point_166=p[0,0,0,0,0,0]
m_point_167=p[0,0,0,0,0,0]
m_point_168=p[0,0,0,0,0,0]
m_point_169=p[0,0,0,0,0,0]
m_point_170=p[0,0,0,0,0,0]
m_point_171=p[0,0,0,0,0,0]
m_point_172=p[0,0,0,0,0,0]
m_point_173=p[0,0,0,0,0,0]
m_point_174=p[0,0,0,0,0,0]
m_point_175=p[0,0,0,0,0,0]
m_point_176=p[0,0,0,0,0,0]

m_point_177=p[0,0,0,0,0,0]
m_point_178=p[0,0,0,0,0,0]
m_point_179=p[0,0,0,0,0,0]
m_point_180=p[0,0,0,0,0,0]
m_point_181=p[0,0,0,0,0,0]
m_point_182=p[0,0,0,0,0,0]
m_point_183=p[0,0,0,0,0,0]
m_point_184=p[0,0,0,0,0,0]
m_point_185=p[0,0,0,0,0,0]
m_point_186=p[0,0,0,0,0,0]
m_point_187=p[0,0,0,0,0,0]
m_point_188=p[0,0,0,0,0,0]
m_point_189=p[0,0,0,0,0,0]
m_point_190=p[0,0,0,0,0,0]
m_point_191=p[0,0,0,0,0,0]
m_point_192=p[0,0,0,0,0,0]
m_point_193=p[0,0,0,0,0,0]
m_point_194=p[0,0,0,0,0,0]
m_point_195=p[0,0,0,0,0,0]
m_point_196=p[0,0,0,0,0,0]
m_point_197=p[0,0,0,0,0,0]
m_point_198=p[0,0,0,0,0,0]
m_point_199=p[0,0,0,0,0,0]
m_point_200=p[0,0,0,0,0,0]
m_point_201=p[0,0,0,0,0,0]
m_point_202=p[0,0,0,0,0,0]
m_point_203=p[0,0,0,0,0,0]
m_point_204=p[0,0,0,0,0,0]
m_point_205=p[0,0,0,0,0,0]
m_point_206=p[0,0,0,0,0,0]
m_point_207=p[0,0,0,0,0,0]
m_point_208=p[0,0,0,0,0,0]
m_point_209=p[0,0,0,0,0,0]
m_point_210=p[0,0,0,0,0,0]
m_point_211=p[0,0,0,0,0,0]
m_point_212=p[0,0,0,0,0,0]
m_point_213=p[0,0,0,0,0,0]
m_point_214=p[0,0,0,0,0,0]
m_point_215=p[0,0,0,0,0,0]
m_point_216=p[0,0,0,0,0,0]
m_point_217=p[0,0,0,0,0,0]
m_point_218=p[0,0,0,0,0,0]
m_point_219=p[0,0,0,0,0,0]
m_point_220=p[0,0,0,0,0,0]
m_point_221=p[0,0,0,0,0,0]
m_point_222=p[0,0,0,0,0,0]
m_point_223=p[0,0,0,0,0,0]
m_point_224=p[0,0,0,0,0,0]
m_point_225=p[0,0,0,0,0,0]
m_point_226=p[0,0,0,0,0,0]
m_point_227=p[0,0,0,0,0,0]
m_point_228=p[0,0,0,0,0,0]
m_point_229=p[0,0,0,0,0,0]
m_point_230=p[0,0,0,0,0,0]
m_point_231=p[0,0,0,0,0,0]
m_point_232=p[0,0,0,0,0,0]
m_point_233=p[0,0,0,0,0,0]
m_point_234=p[0,0,0,0,0,0]
m_point_235=p[0,0,0,0,0,0]
m_point_236=p[0,0,0,0,0,0]
m_point_237=p[0,0,0,0,0,0]
m_point_238=p[0,0,0,0,0,0]
m_point_239=p[0,0,0,0,0,0]
m_point_240=p[0,0,0,0,0,0]
m_point_241=p[0,0,0,0,0,0]
m_point_242=p[0,0,0,0,0,0]
m_point_243=p[0,0,0,0,0,0]
m_point_244=p[0,0,0,0,0,0]
m_point_245=p[0,0,0,0,0,0]
m_point_246=p[0,0,0,0,0,0]

m_point_247=p[0,0,0,0,0,0]
m_point_248=p[0,0,0,0,0,0]
m_point_249=p[0,0,0,0,0,0]
m_point_250=p[0,0,0,0,0,0]
m_point_251=p[0,0,0,0,0,0]
m_point_252=p[0,0,0,0,0,0]
m_point_253=p[0,0,0,0,0,0]
m_point_254=p[0,0,0,0,0,0]
m_point_255=p[0,0,0,0,0,0]
m_point_256=p[0,0,0,0,0,0]
m_point_257=p[0,0,0,0,0,0]
m_point_258=p[0,0,0,0,0,0]
m_point_259=p[0,0,0,0,0,0]
m_point_260=p[0,0,0,0,0,0]
m_point_261=p[0,0,0,0,0,0]
m_point_262=p[0,0,0,0,0,0]
m_point_263=p[0,0,0,0,0,0]
m_point_264=p[0,0,0,0,0,0]
m_point_265=p[0,0,0,0,0,0]
m_point_266=p[0,0,0,0,0,0]
m_point_267=p[0,0,0,0,0,0]
m_point_268=p[0,0,0,0,0,0]
m_point_269=p[0,0,0,0,0,0]
m_point_270=p[0,0,0,0,0,0]
m_point_271=p[0,0,0,0,0,0]
m_point_272=p[0,0,0,0,0,0]
m_point_273=p[0,0,0,0,0,0]
m_point_274=p[0,0,0,0,0,0]
m_point_275=p[0,0,0,0,0,0]
m_point_276=p[0,0,0,0,0,0]
m_point_277=p[0,0,0,0,0,0]
m_point_278=p[0,0,0,0,0,0]
m_point_279=p[0,0,0,0,0,0]
m_point_280=p[0,0,0,0,0,0]
m_point_281=p[0,0,0,0,0,0]
m_point_282=p[0,0,0,0,0,0]
m_point_283=p[0,0,0,0,0,0]
m_point_284=p[0,0,0,0,0,0]
m_point_285=p[0,0,0,0,0,0]
m_point_286=p[0,0,0,0,0,0]
m_point_287=p[0,0,0,0,0,0]
m_point_288=p[0,0,0,0,0,0]
m_point_289=p[0,0,0,0,0,0]
m_point_290=p[0,0,0,0,0,0]
m_point_291=p[0,0,0,0,0,0]
m_point_292=p[0,0,0,0,0,0]
m_point_293=p[0,0,0,0,0,0]
m_point_294=p[0,0,0,0,0,0]
m_point_295=p[0,0,0,0,0,0]
m_point_296=p[0,0,0,0,0,0]
m_point_297=p[0,0,0,0,0,0]
m_point_298=p[0,0,0,0,0,0]
m_point_299=p[0,0,0,0,0,0]
m_point_300=p[0,0,0,0,0,0]
m_point_301=p[0,0,0,0,0,0]
m_point_302=p[0,0,0,0,0,0]
m_point_303=p[0,0,0,0,0,0]
m_point_304=p[0,0,0,0,0,0]
m_point_305=p[0,0,0,0,0,0]
m_point_306=p[0,0,0,0,0,0]
m_point_307=p[0,0,0,0,0,0]
m_point_308=p[0,0,0,0,0,0]
m_point_309=p[0,0,0,0,0,0]
m_point_310=p[0,0,0,0,0,0]
m_point_311=p[0,0,0,0,0,0]
m_point_312=p[0,0,0,0,0,0]
m_point_313=p[0,0,0,0,0,0]
m_point_314=p[0,0,0,0,0,0]
m_point_315=p[0,0,0,0,0,0]
m_point_316=p[0,0,0,0,0,0]

m_point_317=p[0,0,0,0,0,0]
m_point_318=p[0,0,0,0,0,0]
m_point_319=p[0,0,0,0,0,0]
m_point_320=p[0,0,0,0,0,0]
m_point_321=p[0,0,0,0,0,0]
m_point_322=p[0,0,0,0,0,0]
m_point_323=p[0,0,0,0,0,0]
m_point_324=p[0,0,0,0,0,0]
m_point_325=p[0,0,0,0,0,0]
m_point_326=p[0,0,0,0,0,0]
m_point_327=p[0,0,0,0,0,0]
m_point_328=p[0,0,0,0,0,0]
m_point_329=p[0,0,0,0,0,0]
m_point_330=p[0,0,0,0,0,0]
m_point_331=p[0,0,0,0,0,0]
m_point_332=p[0,0,0,0,0,0]
m_point_333=p[0,0,0,0,0,0]
m_point_334=p[0,0,0,0,0,0]
m_point_335=p[0,0,0,0,0,0]
m_point_336=p[0,0,0,0,0,0]
m_point_337=p[0,0,0,0,0,0]
m_point_338=p[0,0,0,0,0,0]
m_point_339=p[0,0,0,0,0,0]
m_point_340=p[0,0,0,0,0,0]
m_point_341=p[0,0,0,0,0,0]
m_point_342=p[0,0,0,0,0,0]
m_point_343=p[0,0,0,0,0,0]
m_point_344=p[0,0,0,0,0,0]
m_point_345=p[0,0,0,0,0,0]
m_point_346=p[0,0,0,0,0,0]
m_point_347=p[0,0,0,0,0,0]
m_point_348=p[0,0,0,0,0,0]
m_point_349=p[0,0,0,0,0,0]
m_point_350=p[0,0,0,0,0,0]
m_point_351=p[0,0,0,0,0,0]
m_point_352=p[0,0,0,0,0,0]
m_point_353=p[0,0,0,0,0,0]
m_point_354=p[0,0,0,0,0,0]
m_point_355=p[0,0,0,0,0,0]
m_point_356=p[0,0,0,0,0,0]
m_point_357=p[0,0,0,0,0,0]
m_point_358=p[0,0,0,0,0,0]
m_point_359=p[0,0,0,0,0,0]
m_point_360=p[0,0,0,0,0,0]
m_point_361=p[0,0,0,0,0,0]
m_point_362=p[0,0,0,0,0,0]
m_point_363=p[0,0,0,0,0,0]
m_point_364=p[0,0,0,0,0,0]
m_point_365=p[0,0,0,0,0,0]
m_point_366=p[0,0,0,0,0,0]
m_point_367=p[0,0,0,0,0,0]
m_point_368=p[0,0,0,0,0,0]
m_point_369=p[0,0,0,0,0,0]
m_point_370=p[0,0,0,0,0,0]
m_point_371=p[0,0,0,0,0,0]
m_point_372=p[0,0,0,0,0,0]
m_point_373=p[0,0,0,0,0,0]
m_point_374=p[0,0,0,0,0,0]
m_point_375=p[0,0,0,0,0,0]
m_point_376=p[0,0,0,0,0,0]
m_point_377=p[0,0,0,0,0,0]
m_point_378=p[0,0,0,0,0,0]
m_point_379=p[0,0,0,0,0,0]
m_point_380=p[0,0,0,0,0,0]
m_point_381=p[0,0,0,0,0,0]
m_point_382=p[0,0,0,0,0,0]
m_point_383=p[0,0,0,0,0,0]
m_point_384=p[0,0,0,0,0,0]
m_point_385=p[0,0,0,0,0,0]
m_point_386=p[0,0,0,0,0,0]

m_point_387=p[0,0,0,0,0,0]
m_point_388=p[0,0,0,0,0,0]
m_point_389=p[0,0,0,0,0,0]
m_point_390=p[0,0,0,0,0,0]
m_point_391=p[0,0,0,0,0,0]
m_point_392=p[0,0,0,0,0,0]
m_point_393=p[0,0,0,0,0,0]
m_point_394=p[0,0,0,0,0,0]
m_point_395=p[0,0,0,0,0,0]
m_point_396=p[0,0,0,0,0,0]
m_point_397=p[0,0,0,0,0,0]
m_point_398=p[0,0,0,0,0,0]
m_point_399=p[0,0,0,0,0,0]
m_point_400=p[0,0,0,0,0,0]
m_point_401=p[0,0,0,0,0,0]
m_point_402=p[0,0,0,0,0,0]
m_point_403=p[0,0,0,0,0,0]
m_point_404=p[0,0,0,0,0,0]
m_point_405=p[0,0,0,0,0,0]
m_point_406=p[0,0,0,0,0,0]
m_point_407=p[0,0,0,0,0,0]
m_point_408=p[0,0,0,0,0,0]
m_point_409=p[0,0,0,0,0,0]
m_point_410=p[0,0,0,0,0,0]
m_point_411=p[0,0,0,0,0,0]
m_point_412=p[0,0,0,0,0,0]
m_point_413=p[0,0,0,0,0,0]
m_point_414=p[0,0,0,0,0,0]
m_point_415=p[0,0,0,0,0,0]
m_point_416=p[0,0,0,0,0,0]
m_point_417=p[0,0,0,0,0,0]
m_point_418=p[0,0,0,0,0,0]
m_point_419=p[0,0,0,0,0,0]
m_point_420=p[0,0,0,0,0,0]
m_point_421=p[0,0,0,0,0,0]
m_point_422=p[0,0,0,0,0,0]
m_point_423=p[0,0,0,0,0,0]
m_point_424=p[0,0,0,0,0,0]
m_point_425=p[0,0,0,0,0,0]
m_point_426=p[0,0,0,0,0,0]
m_point_427=p[0,0,0,0,0,0]
m_point_428=p[0,0,0,0,0,0]
m_point_429=p[0,0,0,0,0,0]
m_point_430=p[0,0,0,0,0,0]
m_point_431=p[0,0,0,0,0,0]
m_point_432=p[0,0,0,0,0,0]
m_point_433=p[0,0,0,0,0,0]
m_point_434=p[0,0,0,0,0,0]
m_point_435=p[0,0,0,0,0,0]
m_point_436=p[0,0,0,0,0,0]
m_point_437=p[0,0,0,0,0,0]
m_point_438=p[0,0,0,0,0,0]
m_point_439=p[0,0,0,0,0,0]
m_point_440=p[0,0,0,0,0,0]
m_point_441=p[0,0,0,0,0,0]
m_point_442=p[0,0,0,0,0,0]
m_point_443=p[0,0,0,0,0,0]
m_point_444=p[0,0,0,0,0,0]
m_point_445=p[0,0,0,0,0,0]
m_point_446=p[0,0,0,0,0,0]
m_point_447=p[0,0,0,0,0,0]
m_point_448=p[0,0,0,0,0,0]
m_point_449=p[0,0,0,0,0,0]
m_point_450=p[0,0,0,0,0,0]
m_point_451=p[0,0,0,0,0,0]
m_point_452=p[0,0,0,0,0,0]
m_point_453=p[0,0,0,0,0,0]
m_point_454=p[0,0,0,0,0,0]
m_point_455=p[0,0,0,0,0,0]
m_point_456=p[0,0,0,0,0,0]

m_point_457=p[0,0,0,0,0,0]
m_point_458=p[0,0,0,0,0,0]
m_point_459=p[0,0,0,0,0,0]
m_point_460=p[0,0,0,0,0,0]
m_point_461=p[0,0,0,0,0,0]
m_point_462=p[0,0,0,0,0,0]
m_point_463=p[0,0,0,0,0,0]
m_point_464=p[0,0,0,0,0,0]
m_point_465=p[0,0,0,0,0,0]
m_point_466=p[0,0,0,0,0,0]
m_point_467=p[0,0,0,0,0,0]
m_point_468=p[0,0,0,0,0,0]
m_point_469=p[0,0,0,0,0,0]
m_point_470=p[0,0,0,0,0,0]
m_point_471=p[0,0,0,0,0,0]
m_point_472=p[0,0,0,0,0,0]
m_point_473=p[0,0,0,0,0,0]
m_point_474=p[0,0,0,0,0,0]
m_point_475=p[0,0,0,0,0,0]
m_point_476=p[0,0,0,0,0,0]
m_point_477=p[0,0,0,0,0,0]
m_point_478=p[0,0,0,0,0,0]
m_point_479=p[0,0,0,0,0,0]
m_point_480=p[0,0,0,0,0,0]
m_point_481=p[0,0,0,0,0,0]
m_point_482=p[0,0,0,0,0,0]
m_point_483=p[0,0,0,0,0,0]
m_point_484=p[0,0,0,0,0,0]
m_point_485=p[0,0,0,0,0,0]
m_point_486=p[0,0,0,0,0,0]
m_point_487=p[0,0,0,0,0,0]
m_point_488=p[0,0,0,0,0,0]
m_point_489=p[0,0,0,0,0,0]
m_point_490=p[0,0,0,0,0,0]
m_point_491=p[0,0,0,0,0,0]
m_point_492=p[0,0,0,0,0,0]
m_point_493=p[0,0,0,0,0,0]
m_point_494=p[0,0,0,0,0,0]
m_point_495=p[0,0,0,0,0,0]
m_point_496=p[0,0,0,0,0,0]
m_point_497=p[0,0,0,0,0,0]
m_point_498=p[0,0,0,0,0,0]
m_point_499=p[0,0,0,0,0,0]
m_point_500=p[0,0,0,0,0,0]
m_point_501=p[0,0,0,0,0,0]
m_point_502=p[0,0,0,0,0,0]
m_point_503=p[0,0,0,0,0,0]
m_point_504=p[0,0,0,0,0,0]
m_point_505=p[0,0,0,0,0,0]
m_point_506=p[0,0,0,0,0,0]
m_point_507=p[0,0,0,0,0,0]
m_point_508=p[0,0,0,0,0,0]
m_point_509=p[0,0,0,0,0,0]
m_point_510=p[0,0,0,0,0,0]
m_point_511=p[0,0,0,0,0,0]
m_point_512=p[0,0,0,0,0,0]
m_point_513=p[0,0,0,0,0,0]
m_point_514=p[0,0,0,0,0,0]
m_point_515=p[0,0,0,0,0,0]
m_point_516=p[0,0,0,0,0,0]
m_point_517=p[0,0,0,0,0,0]
m_point_518=p[0,0,0,0,0,0]
m_point_519=p[0,0,0,0,0,0]
m_point_520=p[0,0,0,0,0,0]
m_point_521=p[0,0,0,0,0,0]
m_point_522=p[0,0,0,0,0,0]
m_point_523=p[0,0,0,0,0,0]
m_point_524=p[0,0,0,0,0,0]
m_point_525=p[0,0,0,0,0,0]
m_point_526=p[0,0,0,0,0,0]

m_point_527=p[0,0,0,0,0,0]
m_point_528=p[0,0,0,0,0,0]
m_point_529=p[0,0,0,0,0,0]
m_point_530=p[0,0,0,0,0,0]
m_point_531=p[0,0,0,0,0,0]
m_point_532=p[0,0,0,0,0,0]
m_point_533=p[0,0,0,0,0,0]
m_point_534=p[0,0,0,0,0,0]
m_point_535=p[0,0,0,0,0,0]
m_point_536=p[0,0,0,0,0,0]
m_point_537=p[0,0,0,0,0,0]
m_point_538=p[0,0,0,0,0,0]
m_point_539=p[0,0,0,0,0,0]
m_point_540=p[0,0,0,0,0,0]
m_point_541=p[0,0,0,0,0,0]
m_point_542=p[0,0,0,0,0,0]
m_point_543=p[0,0,0,0,0,0]
m_point_544=p[0,0,0,0,0,0]
m_point_545=p[0,0,0,0,0,0]
m_point_546=p[0,0,0,0,0,0]
m_point_547=p[0,0,0,0,0,0]
m_point_548=p[0,0,0,0,0,0]
m_point_549=p[0,0,0,0,0,0]
m_point_550=p[0,0,0,0,0,0]
m_point_551=p[0,0,0,0,0,0]
m_point_552=p[0,0,0,0,0,0]
m_point_553=p[0,0,0,0,0,0]
m_point_554=p[0,0,0,0,0,0]
m_point_555=p[0,0,0,0,0,0]
m_point_556=p[0,0,0,0,0,0]
m_point_557=p[0,0,0,0,0,0]
m_point_558=p[0,0,0,0,0,0]
m_point_559=p[0,0,0,0,0,0]
m_point_560=p[0,0,0,0,0,0]
m_point_561=p[0,0,0,0,0,0]
m_point_562=p[0,0,0,0,0,0]
m_point_563=p[0,0,0,0,0,0]
m_point_564=p[0,0,0,0,0,0]
m_point_565=p[0,0,0,0,0,0]
m_point_566=p[0,0,0,0,0,0]
m_point_567=p[0,0,0,0,0,0]
m_point_568=p[0,0,0,0,0,0]
m_point_569=p[0,0,0,0,0,0]
m_point_570=p[0,0,0,0,0,0]
m_point_571=p[0,0,0,0,0,0]
m_point_572=p[0,0,0,0,0,0]
m_point_573=p[0,0,0,0,0,0]
m_point_574=p[0,0,0,0,0,0]
m_point_575=p[0,0,0,0,0,0]
m_point_576=p[0,0,0,0,0,0]
m_point_577=p[0,0,0,0,0,0]
m_point_578=p[0,0,0,0,0,0]
m_point_579=p[0,0,0,0,0,0]
m_point_580=p[0,0,0,0,0,0]
m_point_581=p[0,0,0,0,0,0]
m_point_582=p[0,0,0,0,0,0]
m_point_583=p[0,0,0,0,0,0]
m_point_584=p[0,0,0,0,0,0]
m_point_585=p[0,0,0,0,0,0]
m_point_586=p[0,0,0,0,0,0]
m_point_587=p[0,0,0,0,0,0]
m_point_588=p[0,0,0,0,0,0]
m_point_589=p[0,0,0,0,0,0]
m_point_590=p[0,0,0,0,0,0]
m_point_591=p[0,0,0,0,0,0]
m_point_592=p[0,0,0,0,0,0]
m_point_593=p[0,0,0,0,0,0]
m_point_594=p[0,0,0,0,0,0]
m_point_595=p[0,0,0,0,0,0]
m_point_596=p[0,0,0,0,0,0]

m_point_597=p[0,0,0,0,0,0]
m_point_598=p[0,0,0,0,0,0]
m_point_599=p[0,0,0,0,0,0]
m_point_600=p[0,0,0,0,0,0]
m_point_601=p[0,0,0,0,0,0]
m_point_602=p[0,0,0,0,0,0]
m_point_603=p[0,0,0,0,0,0]
m_point_604=p[0,0,0,0,0,0]
m_point_605=p[0,0,0,0,0,0]
m_point_606=p[0,0,0,0,0,0]
m_point_607=p[0,0,0,0,0,0]
m_point_608=p[0,0,0,0,0,0]
m_point_609=p[0,0,0,0,0,0]
m_point_610=p[0,0,0,0,0,0]
m_point_611=p[0,0,0,0,0,0]
m_point_612=p[0,0,0,0,0,0]
m_point_613=p[0,0,0,0,0,0]
m_point_614=p[0,0,0,0,0,0]
m_point_615=p[0,0,0,0,0,0]
m_point_616=p[0,0,0,0,0,0]
m_point_617=p[0,0,0,0,0,0]
m_point_618=p[0,0,0,0,0,0]
m_point_619=p[0,0,0,0,0,0]
m_point_620=p[0,0,0,0,0,0]
m_point_621=p[0,0,0,0,0,0]
m_point_622=p[0,0,0,0,0,0]
m_point_623=p[0,0,0,0,0,0]
m_point_624=p[0,0,0,0,0,0]
m_point_625=p[0,0,0,0,0,0]
m_point_626=p[0,0,0,0,0,0]
m_point_627=p[0,0,0,0,0,0]
m_point_628=p[0,0,0,0,0,0]
m_point_629=p[0,0,0,0,0,0]
m_point_630=p[0,0,0,0,0,0]
m_point_631=p[0,0,0,0,0,0]
m_point_632=p[0,0,0,0,0,0]
m_point_633=p[0,0,0,0,0,0]
m_point_634=p[0,0,0,0,0,0]
m_point_635=p[0,0,0,0,0,0]
m_point_636=p[0,0,0,0,0,0]
m_point_637=p[0,0,0,0,0,0]
m_point_638=p[0,0,0,0,0,0]
m_point_639=p[0,0,0,0,0,0]
m_point_640=p[0,0,0,0,0,0]
m_point_641=p[0,0,0,0,0,0]
m_point_642=p[0,0,0,0,0,0]
m_point_643=p[0,0,0,0,0,0]
m_point_644=p[0,0,0,0,0,0]
m_point_645=p[0,0,0,0,0,0]
m_point_646=p[0,0,0,0,0,0]
m_point_647=p[0,0,0,0,0,0]
m_point_648=p[0,0,0,0,0,0]
m_point_649=p[0,0,0,0,0,0]
m_point_650=p[0,0,0,0,0,0]
m_point_651=p[0,0,0,0,0,0]
m_point_652=p[0,0,0,0,0,0]
m_point_653=p[0,0,0,0,0,0]
m_point_654=p[0,0,0,0,0,0]
m_point_655=p[0,0,0,0,0,0]
m_point_656=p[0,0,0,0,0,0]
m_point_657=p[0,0,0,0,0,0]
m_point_658=p[0,0,0,0,0,0]
m_point_659=p[0,0,0,0,0,0]
m_point_660=p[0,0,0,0,0,0]
m_point_661=p[0,0,0,0,0,0]
m_point_662=p[0,0,0,0,0,0]
m_point_663=p[0,0,0,0,0,0]
m_point_664=p[0,0,0,0,0,0]
m_point_665=p[0,0,0,0,0,0]
m_point_666=p[0,0,0,0,0,0]

m_point_667=p[0,0,0,0,0,0]
m_point_668=p[0,0,0,0,0,0]
m_point_669=p[0,0,0,0,0,0]
m_point_670=p[0,0,0,0,0,0]
m_point_671=p[0,0,0,0,0,0]
m_point_672=p[0,0,0,0,0,0]
m_point_673=p[0,0,0,0,0,0]
m_point_674=p[0,0,0,0,0,0]
m_point_675=p[0,0,0,0,0,0]
m_point_676=p[0,0,0,0,0,0]
m_point_677=p[0,0,0,0,0,0]
m_point_678=p[0,0,0,0,0,0]
m_point_679=p[0,0,0,0,0,0]
m_point_680=p[0,0,0,0,0,0]
m_point_681=p[0,0,0,0,0,0]
m_point_682=p[0,0,0,0,0,0]
m_point_683=p[0,0,0,0,0,0]
m_point_684=p[0,0,0,0,0,0]
m_point_685=p[0,0,0,0,0,0]
m_point_686=p[0,0,0,0,0,0]
m_point_687=p[0,0,0,0,0,0]
m_point_688=p[0,0,0,0,0,0]
m_point_689=p[0,0,0,0,0,0]
m_point_690=p[0,0,0,0,0,0]
m_point_691=p[0,0,0,0,0,0]
m_point_692=p[0,0,0,0,0,0]
m_point_693=p[0,0,0,0,0,0]
m_point_694=p[0,0,0,0,0,0]
m_point_695=p[0,0,0,0,0,0]
m_point_696=p[0,0,0,0,0,0]
m_point_697=p[0,0,0,0,0,0]
m_point_698=p[0,0,0,0,0,0]
m_point_699=p[0,0,0,0,0,0]
m_point_700=p[0,0,0,0,0,0]
m_point_701=p[0,0,0,0,0,0]
m_point_702=p[0,0,0,0,0,0]
m_point_703=p[0,0,0,0,0,0]
m_point_704=p[0,0,0,0,0,0]
m_point_705=p[0,0,0,0,0,0]
m_point_706=p[0,0,0,0,0,0]
m_point_707=p[0,0,0,0,0,0]
m_point_708=p[0,0,0,0,0,0]
m_point_709=p[0,0,0,0,0,0]
m_point_710=p[0,0,0,0,0,0]
m_point_711=p[0,0,0,0,0,0]
m_point_712=p[0,0,0,0,0,0]
m_point_713=p[0,0,0,0,0,0]
m_point_714=p[0,0,0,0,0,0]
m_point_715=p[0,0,0,0,0,0]
m_point_716=p[0,0,0,0,0,0]
m_point_717=p[0,0,0,0,0,0]
m_point_718=p[0,0,0,0,0,0]
m_point_719=p[0,0,0,0,0,0]
m_point_720=p[0,0,0,0,0,0]
m_point_721=p[0,0,0,0,0,0]
m_point_722=p[0,0,0,0,0,0]
m_point_723=p[0,0,0,0,0,0]
m_point_724=p[0,0,0,0,0,0]
m_point_725=p[0,0,0,0,0,0]
m_point_726=p[0,0,0,0,0,0]
m_point_727=p[0,0,0,0,0,0]
m_point_728=p[0,0,0,0,0,0]
m_point_729=p[0,0,0,0,0,0]
m_point_730=p[0,0,0,0,0,0]
m_point_731=p[0,0,0,0,0,0]
m_point_732=p[0,0,0,0,0,0]
m_point_733=p[0,0,0,0,0,0]
m_point_734=p[0,0,0,0,0,0]
m_point_735=p[0,0,0,0,0,0]
m_point_736=p[0,0,0,0,0,0]

m_point_737=p[0,0,0,0,0,0]
m_point_738=p[0,0,0,0,0,0]
m_point_739=p[0,0,0,0,0,0]
m_point_740=p[0,0,0,0,0,0]
m_point_741=p[0,0,0,0,0,0]
m_point_742=p[0,0,0,0,0,0]
m_point_743=p[0,0,0,0,0,0]
m_point_744=p[0,0,0,0,0,0]
m_point_745=p[0,0,0,0,0,0]
m_point_746=p[0,0,0,0,0,0]
m_point_747=p[0,0,0,0,0,0]
m_point_748=p[0,0,0,0,0,0]
m_point_749=p[0,0,0,0,0,0]
m_point_750=p[0,0,0,0,0,0]
m_point_751=p[0,0,0,0,0,0]
m_point_752=p[0,0,0,0,0,0]
m_point_753=p[0,0,0,0,0,0]
m_point_754=p[0,0,0,0,0,0]
m_point_755=p[0,0,0,0,0,0]
m_point_756=p[0,0,0,0,0,0]
m_point_757=p[0,0,0,0,0,0]
m_point_758=p[0,0,0,0,0,0]
m_point_759=p[0,0,0,0,0,0]
m_point_760=p[0,0,0,0,0,0]
m_point_761=p[0,0,0,0,0,0]
m_point_762=p[0,0,0,0,0,0]
m_point_763=p[0,0,0,0,0,0]
m_point_764=p[0,0,0,0,0,0]
m_point_765=p[0,0,0,0,0,0]
m_point_766=p[0,0,0,0,0,0]
m_point_767=p[0,0,0,0,0,0]
m_point_768=p[0,0,0,0,0,0]
m_point_769=p[0,0,0,0,0,0]
m_point_770=p[0,0,0,0,0,0]
m_point_771=p[0,0,0,0,0,0]
m_point_772=p[0,0,0,0,0,0]
m_point_773=p[0,0,0,0,0,0]
m_point_774=p[0,0,0,0,0,0]
m_point_775=p[0,0,0,0,0,0]
m_point_776=p[0,0,0,0,0,0]
m_point_777=p[0,0,0,0,0,0]
m_point_778=p[0,0,0,0,0,0]
m_point_779=p[0,0,0,0,0,0]
m_point_780=p[0,0,0,0,0,0]
m_point_781=p[0,0,0,0,0,0]
m_point_782=p[0,0,0,0,0,0]
m_point_783=p[0,0,0,0,0,0]
m_point_784=p[0,0,0,0,0,0]
m_point_785=p[0,0,0,0,0,0]
m_point_786=p[0,0,0,0,0,0]
m_point_787=p[0,0,0,0,0,0]
m_point_788=p[0,0,0,0,0,0]
m_point_789=p[0,0,0,0,0,0]
m_point_790=p[0,0,0,0,0,0]
m_point_791=p[0,0,0,0,0,0]
m_point_792=p[0,0,0,0,0,0]
m_point_793=p[0,0,0,0,0,0]
m_point_794=p[0,0,0,0,0,0]
m_point_795=p[0,0,0,0,0,0]
m_point_796=p[0,0,0,0,0,0]
m_point_797=p[0,0,0,0,0,0]
m_point_798=p[0,0,0,0,0,0]
m_point_799=p[0,0,0,0,0,0]
m_point_800=p[0,0,0,0,0,0]
m_point_801=p[0,0,0,0,0,0]
m_point_802=p[0,0,0,0,0,0]
m_point_803=p[0,0,0,0,0,0]
m_point_804=p[0,0,0,0,0,0]
m_point_805=p[0,0,0,0,0,0]
m_point_806=p[0,0,0,0,0,0]

m_point_807=p[0,0,0,0,0,0]
m_point_808=p[0,0,0,0,0,0]
m_point_809=p[0,0,0,0,0,0]
m_point_810=p[0,0,0,0,0,0]
m_point_811=p[0,0,0,0,0,0]
m_point_812=p[0,0,0,0,0,0]
m_point_813=p[0,0,0,0,0,0]
m_point_814=p[0,0,0,0,0,0]
m_point_815=p[0,0,0,0,0,0]
m_point_816=p[0,0,0,0,0,0]
m_point_817=p[0,0,0,0,0,0]
m_point_818=p[0,0,0,0,0,0]
m_point_819=p[0,0,0,0,0,0]
m_point_820=p[0,0,0,0,0,0]
m_point_821=p[0,0,0,0,0,0]
m_point_822=p[0,0,0,0,0,0]
m_point_823=p[0,0,0,0,0,0]
m_point_824=p[0,0,0,0,0,0]
m_point_825=p[0,0,0,0,0,0]
m_point_826=p[0,0,0,0,0,0]
m_point_827=p[0,0,0,0,0,0]
m_point_828=p[0,0,0,0,0,0]
m_point_829=p[0,0,0,0,0,0]
m_point_830=p[0,0,0,0,0,0]
m_point_831=p[0,0,0,0,0,0]
m_point_832=p[0,0,0,0,0,0]
m_point_833=p[0,0,0,0,0,0]
m_point_834=p[0,0,0,0,0,0]
m_point_835=p[0,0,0,0,0,0]
m_point_836=p[0,0,0,0,0,0]
m_point_837=p[0,0,0,0,0,0]
m_point_838=p[0,0,0,0,0,0]
m_point_839=p[0,0,0,0,0,0]
m_point_840=p[0,0,0,0,0,0]
m_point_841=p[0,0,0,0,0,0]
m_point_842=p[0,0,0,0,0,0]
m_point_843=p[0,0,0,0,0,0]
m_point_844=p[0,0,0,0,0,0]
m_point_845=p[0,0,0,0,0,0]
m_point_846=p[0,0,0,0,0,0]
m_point_847=p[0,0,0,0,0,0]
m_point_848=p[0,0,0,0,0,0]
m_point_849=p[0,0,0,0,0,0]
m_point_850=p[0,0,0,0,0,0]
m_point_851=p[0,0,0,0,0,0]
m_point_852=p[0,0,0,0,0,0]
m_point_853=p[0,0,0,0,0,0]
m_point_854=p[0,0,0,0,0,0]
m_point_855=p[0,0,0,0,0,0]
m_point_856=p[0,0,0,0,0,0]
m_point_857=p[0,0,0,0,0,0]
m_point_858=p[0,0,0,0,0,0]
m_point_859=p[0,0,0,0,0,0]
m_point_860=p[0,0,0,0,0,0]
m_point_861=p[0,0,0,0,0,0]
m_point_862=p[0,0,0,0,0,0]
m_point_863=p[0,0,0,0,0,0]
m_point_864=p[0,0,0,0,0,0]
m_point_865=p[0,0,0,0,0,0]
m_point_866=p[0,0,0,0,0,0]
m_point_867=p[0,0,0,0,0,0]
m_point_868=p[0,0,0,0,0,0]
m_point_869=p[0,0,0,0,0,0]
m_point_870=p[0,0,0,0,0,0]
m_point_871=p[0,0,0,0,0,0]
m_point_872=p[0,0,0,0,0,0]
m_point_873=p[0,0,0,0,0,0]
m_point_874=p[0,0,0,0,0,0]
m_point_875=p[0,0,0,0,0,0]
m_point_876=p[0,0,0,0,0,0]

m_point_877=p[0,0,0,0,0,0]
m_point_878=p[0,0,0,0,0,0]
m_point_879=p[0,0,0,0,0,0]
m_point_880=p[0,0,0,0,0,0]
m_point_881=p[0,0,0,0,0,0]
m_point_882=p[0,0,0,0,0,0]
m_point_883=p[0,0,0,0,0,0]
m_point_884=p[0,0,0,0,0,0]
m_point_885=p[0,0,0,0,0,0]
m_point_886=p[0,0,0,0,0,0]
m_point_887=p[0,0,0,0,0,0]
m_point_888=p[0,0,0,0,0,0]
m_point_889=p[0,0,0,0,0,0]
m_point_890=p[0,0,0,0,0,0]
m_point_891=p[0,0,0,0,0,0]
m_point_892=p[0,0,0,0,0,0]
m_point_893=p[0,0,0,0,0,0]
m_point_894=p[0,0,0,0,0,0]
m_point_895=p[0,0,0,0,0,0]
m_point_896=p[0,0,0,0,0,0]
m_point_897=p[0,0,0,0,0,0]
m_point_898=p[0,0,0,0,0,0]
m_point_899=p[0,0,0,0,0,0]
m_point_900=p[0,0,0,0,0,0]
m_point_901=p[0,0,0,0,0,0]
m_point_902=p[0,0,0,0,0,0]
m_point_903=p[0,0,0,0,0,0]
m_point_904=p[0,0,0,0,0,0]
m_point_905=p[0,0,0,0,0,0]
m_point_906=p[0,0,0,0,0,0]
m_point_907=p[0,0,0,0,0,0]
m_point_908=p[0,0,0,0,0,0]
m_point_909=p[0,0,0,0,0,0]
m_point_910=p[0,0,0,0,0,0]
m_point_911=p[0,0,0,0,0,0]
m_point_912=p[0,0,0,0,0,0]
m_point_913=p[0,0,0,0,0,0]
m_point_914=p[0,0,0,0,0,0]
m_point_915=p[0,0,0,0,0,0]
m_point_916=p[0,0,0,0,0,0]
m_point_917=p[0,0,0,0,0,0]
m_point_918=p[0,0,0,0,0,0]
m_point_919=p[0,0,0,0,0,0]
m_point_920=p[0,0,0,0,0,0]
m_point_921=p[0,0,0,0,0,0]
m_point_922=p[0,0,0,0,0,0]
m_point_923=p[0,0,0,0,0,0]
m_point_924=p[0,0,0,0,0,0]
m_point_925=p[0,0,0,0,0,0]
m_point_926=p[0,0,0,0,0,0]
m_point_927=p[0,0,0,0,0,0]
m_point_928=p[0,0,0,0,0,0]
m_point_929=p[0,0,0,0,0,0]
m_point_930=p[0,0,0,0,0,0]
m_point_931=p[0,0,0,0,0,0]
m_point_932=p[0,0,0,0,0,0]
m_point_933=p[0,0,0,0,0,0]
m_point_934=p[0,0,0,0,0,0]
m_point_935=p[0,0,0,0,0,0]
m_point_936=p[0,0,0,0,0,0]
m_point_937=p[0,0,0,0,0,0]
m_point_938=p[0,0,0,0,0,0]
m_point_939=p[0,0,0,0,0,0]
m_point_940=p[0,0,0,0,0,0]
m_point_941=p[0,0,0,0,0,0]
m_point_942=p[0,0,0,0,0,0]
m_point_943=p[0,0,0,0,0,0]
m_point_944=p[0,0,0,0,0,0]
m_point_945=p[0,0,0,0,0,0]
m_point_946=p[0,0,0,0,0,0]

```
m_point_947=p[0,0,0,0,0,0]
m_point_948=p[0,0,0,0,0,0]
m_point_949=p[0,0,0,0,0,0]
m_point_950=p[0,0,0,0,0,0]
m_point_951=p[0,0,0,0,0,0]
m_point_952=p[0,0,0,0,0,0]
m_point_953=p[0,0,0,0,0,0]
m_point_954=p[0,0,0,0,0,0]
m_point_955=p[0,0,0,0,0,0]
m_point_956=p[0,0,0,0,0,0]
m_point_957=p[0,0,0,0,0,0]
m_point_958=p[0,0,0,0,0,0]
m_point_959=p[0,0,0,0,0,0]
m_point_960=p[0,0,0,0,0,0]
m_point_961=p[0,0,0,0,0,0]
m_point_962=p[0,0,0,0,0,0]
m_point_963=p[0,0,0,0,0,0]
m_point_964=p[0,0,0,0,0,0]
m_point_965=p[0,0,0,0,0,0]
m_point_966=p[0,0,0,0,0,0]
m_point_967=p[0,0,0,0,0,0]
m_point_968=p[0,0,0,0,0,0]
m_point_969=p[0,0,0,0,0,0]
m_point_970=p[0,0,0,0,0,0]
m_point_971=p[0,0,0,0,0,0]
m_point_972=p[0,0,0,0,0,0]
m_point_973=p[0,0,0,0,0,0]
m_point_974=p[0,0,0,0,0,0]
m_point_975=p[0,0,0,0,0,0]
m_point_976=p[0,0,0,0,0,0]
m_point_977=p[0,0,0,0,0,0]
m_point_978=p[0,0,0,0,0,0]
m_point_979=p[0,0,0,0,0,0]
m_point_980=p[0,0,0,0,0,0]
m_point_981=p[0,0,0,0,0,0]
m_point_982=p[0,0,0,0,0,0]
m_point_983=p[0,0,0,0,0,0]
m_point_984=p[0,0,0,0,0,0]
m_point_985=p[0,0,0,0,0,0]
m_point_986=p[0,0,0,0,0,0]
m_point_987=p[0,0,0,0,0,0]
m_point_988=p[0,0,0,0,0,0]
m_point_989=p[0,0,0,0,0,0]
m_point_990=p[0,0,0,0,0,0]
m_point_991=p[0,0,0,0,0,0]
m_point_992=p[0,0,0,0,0,0]
m_point_993=p[0,0,0,0,0,0]
m_point_994=p[0,0,0,0,0,0]
m_point_995=p[0,0,0,0,0,0]
m_point_996=p[0,0,0,0,0,0]
m_point_997=p[0,0,0,0,0,0]
m_point_998=p[0,0,0,0,0,0]
m_point_999=p[0,0,0,0,0,0]
```

```
def get_point(pointer =0):
    if pointer == 0:
        return m_point_0
    elif pointer ==1:
        return m_point_1
    elif pointer ==2:
        return m_point_2
    elif pointer ==3:
        return m_point_3
    elif pointer ==4:
        return m_point_4
    elif pointer ==5:
        return m_point_5
    elif pointer ==6:
```

```
return m_point_6
elif pointer ==7:
return m_point_7
elif pointer ==8:
return m_point_8
elif pointer ==9:
return m_point_9
elif pointer ==10:
return m_point_10
elif pointer ==11:
return m_point_11
elif pointer ==12:
return m_point_12
elif pointer ==13:
return m_point_13
elif pointer ==14:
return m_point_14
elif pointer ==15:
return m_point_15
elif pointer ==16:
return m_point_16
elif pointer ==17:
return m_point_17
elif pointer ==18:
return m_point_18
elif pointer ==19:
return m_point_19
elif pointer ==20:
return m_point_20
elif pointer ==21:
return m_point_21
elif pointer ==22:
return m_point_22
elif pointer ==23:
return m_point_23
elif pointer ==24:
return m_point_24
elif pointer ==25:
return m_point_25
elif pointer ==26:
return m_point_26
elif pointer ==27:
return m_point_27
elif pointer ==28:
return m_point_28
elif pointer ==29:
return m_point_29
elif pointer ==30:
return m_point_30
elif pointer ==31:
return m_point_31
elif pointer ==32:
return m_point_32
elif pointer ==33:
return m_point_33
elif pointer ==34:
return m_point_34
elif pointer ==35:
return m_point_35
elif pointer ==36:
return m_point_36
elif pointer ==37:
return m_point_37
elif pointer ==38:
return m_point_38
elif pointer ==39:
return m_point_39
elif pointer ==40:
return m_point_40
elif pointer ==41:
```



```
return m_point_41
elif pointer ==42:
return m_point_42
elif pointer ==43:
return m_point_43
elif pointer ==44:
return m_point_44
elif pointer ==45:
return m_point_45
elif pointer ==46:
return m_point_46
elif pointer ==47:
return m_point_47
elif pointer ==48:
return m_point_48
elif pointer ==49:
return m_point_49
elif pointer ==50:
return m_point_50
elif pointer ==51:
return m_point_51
elif pointer ==52:
return m_point_52
elif pointer ==53:
return m_point_53
elif pointer ==54:
return m_point_54
elif pointer ==55:
return m_point_55
elif pointer ==56:
return m_point_56
elif pointer ==57:
return m_point_57
elif pointer ==58:
return m_point_58
elif pointer ==59:
return m_point_59
elif pointer ==60:
return m_point_60
elif pointer ==61:
return m_point_61
elif pointer ==62:
return m_point_62
elif pointer ==63:
return m_point_63
elif pointer ==64:
return m_point_64
elif pointer ==65:
return m_point_65
elif pointer ==66:
return m_point_66
elif pointer ==67:
return m_point_67
elif pointer ==68:
return m_point_68
elif pointer ==69:
return m_point_69
elif pointer ==70:
return m_point_70
elif pointer ==71:
return m_point_71
elif pointer ==72:
return m_point_72
elif pointer ==73:
return m_point_73
elif pointer ==74:
return m_point_74
elif pointer ==75:
return m_point_75
elif pointer ==76:
```

```
return m_point_76
elif pointer ==77:
return m_point_77
elif pointer ==78:
return m_point_78
elif pointer ==79:
return m_point_79
elif pointer ==80:
return m_point_80
elif pointer ==81:
return m_point_81
elif pointer ==82:
return m_point_82
elif pointer ==83:
return m_point_83
elif pointer ==84:
return m_point_84
elif pointer ==85:
return m_point_85
elif pointer ==86:
return m_point_86
elif pointer ==87:
return m_point_87
elif pointer ==88:
return m_point_88
elif pointer ==89:
return m_point_89
elif pointer ==90:
return m_point_90
elif pointer ==91:
return m_point_91
elif pointer ==92:
return m_point_92
elif pointer ==93:
return m_point_93
elif pointer ==94:
return m_point_94
elif pointer ==95:
return m_point_95
elif pointer ==96:
return m_point_96
elif pointer ==97:
return m_point_97
elif pointer ==98:
return m_point_98
elif pointer ==99:
return m_point_99
elif pointer ==100:
return m_point_100
elif pointer ==101:
return m_point_101
elif pointer ==102:
return m_point_102
elif pointer ==103:
return m_point_103
elif pointer ==104:
return m_point_104
elif pointer ==105:
return m_point_105
elif pointer ==106:
return m_point_106
elif pointer ==107:
return m_point_107
elif pointer ==108:
return m_point_108
elif pointer ==109:
return m_point_109
elif pointer ==110:
return m_point_110
elif pointer ==111:
```

```
return m_point_111
elif pointer ==112:
return m_point_112
elif pointer ==113:
return m_point_113
elif pointer ==114:
return m_point_114
elif pointer ==115:
return m_point_115
elif pointer ==116:
return m_point_116
elif pointer ==117:
return m_point_117
elif pointer ==118:
return m_point_118
elif pointer ==119:
return m_point_119
elif pointer ==120:
return m_point_120
elif pointer ==121:
return m_point_121
elif pointer ==122:
return m_point_122
elif pointer ==123:
return m_point_123
elif pointer ==124:
return m_point_124
elif pointer ==125:
return m_point_125
elif pointer ==126:
return m_point_126
elif pointer ==127:
return m_point_127
elif pointer ==128:
return m_point_128
elif pointer ==129:
return m_point_129
elif pointer ==130:
return m_point_130
elif pointer ==131:
return m_point_131
elif pointer ==132:
return m_point_132
elif pointer ==133:
return m_point_133
elif pointer ==134:
return m_point_134
elif pointer ==135:
return m_point_135
elif pointer ==136:
return m_point_136
elif pointer ==137:
return m_point_137
elif pointer ==138:
return m_point_138
elif pointer ==139:
return m_point_139
elif pointer ==140:
return m_point_140
elif pointer ==141:
return m_point_141
elif pointer ==142:
return m_point_142
elif pointer ==143:
return m_point_143
elif pointer ==144:
return m_point_144
elif pointer ==145:
return m_point_145
elif pointer ==146:
```

```
return m_point_146
elif pointer ==147:
return m_point_147
elif pointer ==148:
return m_point_148
elif pointer ==149:
return m_point_149
elif pointer ==150:
return m_point_150
elif pointer ==151:
return m_point_151
elif pointer ==152:
return m_point_152
elif pointer ==153:
return m_point_153
elif pointer ==154:
return m_point_154
elif pointer ==155:
return m_point_155
elif pointer ==156:
return m_point_156
elif pointer ==157:
return m_point_157
elif pointer ==158:
return m_point_158
elif pointer ==159:
return m_point_159
elif pointer ==160:
return m_point_160
elif pointer ==161:
return m_point_161
elif pointer ==162:
return m_point_162
elif pointer ==163:
return m_point_163
elif pointer ==164:
return m_point_164
elif pointer ==165:
return m_point_165
elif pointer ==166:
return m_point_166
elif pointer ==167:
return m_point_167
elif pointer ==168:
return m_point_168
elif pointer ==169:
return m_point_169
elif pointer ==170:
return m_point_170
elif pointer ==171:
return m_point_171
elif pointer ==172:
return m_point_172
elif pointer ==173:
return m_point_173
elif pointer ==174:
return m_point_174
elif pointer ==175:
return m_point_175
elif pointer ==176:
return m_point_176
elif pointer ==177:
return m_point_177
elif pointer ==178:
return m_point_178
elif pointer ==179:
return m_point_179
elif pointer ==180:
return m_point_180
elif pointer ==181:
```

```
return m_point_181
elif pointer ==182:
return m_point_182
elif pointer ==183:
return m_point_183
elif pointer ==184:
return m_point_184
elif pointer ==185:
return m_point_185
elif pointer ==186:
return m_point_186
elif pointer ==187:
return m_point_187
elif pointer ==188:
return m_point_188
elif pointer ==189:
return m_point_189
elif pointer ==190:
return m_point_190
elif pointer ==191:
return m_point_191
elif pointer ==192:
return m_point_192
elif pointer ==193:
return m_point_193
elif pointer ==194:
return m_point_194
elif pointer ==195:
return m_point_195
elif pointer ==196:
return m_point_196
elif pointer ==197:
return m_point_197
elif pointer ==198:
return m_point_198
elif pointer ==199:
return m_point_199
elif pointer ==200:
return m_point_200
elif pointer ==201:
return m_point_201
elif pointer ==202:
return m_point_202
elif pointer ==203:
return m_point_203
elif pointer ==204:
return m_point_204
elif pointer ==205:
return m_point_205
elif pointer ==206:
return m_point_206
elif pointer ==207:
return m_point_207
elif pointer ==208:
return m_point_208
elif pointer ==209:
return m_point_209
elif pointer ==210:
return m_point_210
elif pointer ==211:
return m_point_211
elif pointer ==212:
return m_point_212
elif pointer ==213:
return m_point_213
elif pointer ==214:
return m_point_214
elif pointer ==215:
return m_point_215
elif pointer ==216:
```

```
return m_point_216
elif pointer ==217:
return m_point_217
elif pointer ==218:
return m_point_218
elif pointer ==219:
return m_point_219
elif pointer ==220:
return m_point_220
elif pointer ==221:
return m_point_221
elif pointer ==222:
return m_point_222
elif pointer ==223:
return m_point_223
elif pointer ==224:
return m_point_224
elif pointer ==225:
return m_point_225
elif pointer ==226:
return m_point_226
elif pointer ==227:
return m_point_227
elif pointer ==228:
return m_point_228
elif pointer ==229:
return m_point_229
elif pointer ==230:
return m_point_230
elif pointer ==231:
return m_point_231
elif pointer ==232:
return m_point_232
elif pointer ==233:
return m_point_233
elif pointer ==234:
return m_point_234
elif pointer ==235:
return m_point_235
elif pointer ==236:
return m_point_236
elif pointer ==237:
return m_point_237
elif pointer ==238:
return m_point_238
elif pointer ==239:
return m_point_239
elif pointer ==240:
return m_point_240
elif pointer ==241:
return m_point_241
elif pointer ==242:
return m_point_242
elif pointer ==243:
return m_point_243
elif pointer ==244:
return m_point_244
elif pointer ==245:
return m_point_245
elif pointer ==246:
return m_point_246
elif pointer ==247:
return m_point_247
elif pointer ==248:
return m_point_248
elif pointer ==249:
return m_point_249
elif pointer ==250:
return m_point_250
elif pointer ==251:
```

```
return m_point_251
elif pointer ==252:
return m_point_252
elif pointer ==253:
return m_point_253
elif pointer ==254:
return m_point_254
elif pointer ==255:
return m_point_255
elif pointer ==256:
return m_point_256
elif pointer ==257:
return m_point_257
elif pointer ==258:
return m_point_258
elif pointer ==259:
return m_point_259
elif pointer ==260:
return m_point_260
elif pointer ==261:
return m_point_261
elif pointer ==262:
return m_point_262
elif pointer ==263:
return m_point_263
elif pointer ==264:
return m_point_264
elif pointer ==265:
return m_point_265
elif pointer ==266:
return m_point_266
elif pointer ==267:
return m_point_267
elif pointer ==268:
return m_point_268
elif pointer ==269:
return m_point_269
elif pointer ==270:
return m_point_270
elif pointer ==271:
return m_point_271
elif pointer ==272:
return m_point_272
elif pointer ==273:
return m_point_273
elif pointer ==274:
return m_point_274
elif pointer ==275:
return m_point_275
elif pointer ==276:
return m_point_276
elif pointer ==277:
return m_point_277
elif pointer ==278:
return m_point_278
elif pointer ==279:
return m_point_279
elif pointer ==280:
return m_point_280
elif pointer ==281:
return m_point_281
elif pointer ==282:
return m_point_282
elif pointer ==283:
return m_point_283
elif pointer ==284:
return m_point_284
elif pointer ==285:
return m_point_285
elif pointer ==286:
```

```
return m_point_286
elif pointer ==287:
return m_point_287
elif pointer ==288:
return m_point_288
elif pointer ==289:
return m_point_289
elif pointer ==290:
return m_point_290
elif pointer ==291:
return m_point_291
elif pointer ==292:
return m_point_292
elif pointer ==293:
return m_point_293
elif pointer ==294:
return m_point_294
elif pointer ==295:
return m_point_295
elif pointer ==296:
return m_point_296
elif pointer ==297:
return m_point_297
elif pointer ==298:
return m_point_298
elif pointer ==299:
return m_point_299
elif pointer ==300:
return m_point_300
elif pointer ==301:
return m_point_301
elif pointer ==302:
return m_point_302
elif pointer ==303:
return m_point_303
elif pointer ==304:
return m_point_304
elif pointer ==305:
return m_point_305
elif pointer ==306:
return m_point_306
elif pointer ==307:
return m_point_307
elif pointer ==308:
return m_point_308
elif pointer ==309:
return m_point_309
elif pointer ==310:
return m_point_310
elif pointer ==311:
return m_point_311
elif pointer ==312:
return m_point_312
elif pointer ==313:
return m_point_313
elif pointer ==314:
return m_point_314
elif pointer ==315:
return m_point_315
elif pointer ==316:
return m_point_316
elif pointer ==317:
return m_point_317
elif pointer ==318:
return m_point_318
elif pointer ==319:
return m_point_319
elif pointer ==320:
return m_point_320
elif pointer ==321:
```



```
return m_point_321
elif pointer ==322:
return m_point_322
elif pointer ==323:
return m_point_323
elif pointer ==324:
return m_point_324
elif pointer ==325:
return m_point_325
elif pointer ==326:
return m_point_326
elif pointer ==327:
return m_point_327
elif pointer ==328:
return m_point_328
elif pointer ==329:
return m_point_329
elif pointer ==330:
return m_point_330
elif pointer ==331:
return m_point_331
elif pointer ==332:
return m_point_332
elif pointer ==333:
return m_point_333
elif pointer ==334:
return m_point_334
elif pointer ==335:
return m_point_335
elif pointer ==336:
return m_point_336
elif pointer ==337:
return m_point_337
elif pointer ==338:
return m_point_338
elif pointer ==339:
return m_point_339
elif pointer ==340:
return m_point_340
elif pointer ==341:
return m_point_341
elif pointer ==342:
return m_point_342
elif pointer ==343:
return m_point_343
elif pointer ==344:
return m_point_344
elif pointer ==345:
return m_point_345
elif pointer ==346:
return m_point_346
elif pointer ==347:
return m_point_347
elif pointer ==348:
return m_point_348
elif pointer ==349:
return m_point_349
elif pointer ==350:
return m_point_350
elif pointer ==351:
return m_point_351
elif pointer ==352:
return m_point_352
elif pointer ==353:
return m_point_353
elif pointer ==354:
return m_point_354
elif pointer ==355:
return m_point_355
elif pointer ==356:
```

```
return m_point_356
elif pointer ==357:
return m_point_357
elif pointer ==358:
return m_point_358
elif pointer ==359:
return m_point_359
elif pointer ==360:
return m_point_360
elif pointer ==361:
return m_point_361
elif pointer ==362:
return m_point_362
elif pointer ==363:
return m_point_363
elif pointer ==364:
return m_point_364
elif pointer ==365:
return m_point_365
elif pointer ==366:
return m_point_366
elif pointer ==367:
return m_point_367
elif pointer ==368:
return m_point_368
elif pointer ==369:
return m_point_369
elif pointer ==370:
return m_point_370
elif pointer ==371:
return m_point_371
elif pointer ==372:
return m_point_372
elif pointer ==373:
return m_point_373
elif pointer ==374:
return m_point_374
elif pointer ==375:
return m_point_375
elif pointer ==376:
return m_point_376
elif pointer ==377:
return m_point_377
elif pointer ==378:
return m_point_378
elif pointer ==379:
return m_point_379
elif pointer ==380:
return m_point_380
elif pointer ==381:
return m_point_381
elif pointer ==382:
return m_point_382
elif pointer ==383:
return m_point_383
elif pointer ==384:
return m_point_384
elif pointer ==385:
return m_point_385
elif pointer ==386:
return m_point_386
elif pointer ==387:
return m_point_387
elif pointer ==388:
return m_point_388
elif pointer ==389:
return m_point_389
elif pointer ==390:
return m_point_390
elif pointer ==391:
```

```
return m_point_391
elif pointer ==392:
return m_point_392
elif pointer ==393:
return m_point_393
elif pointer ==394:
return m_point_394
elif pointer ==395:
return m_point_395
elif pointer ==396:
return m_point_396
elif pointer ==397:
return m_point_397
elif pointer ==398:
return m_point_398
elif pointer ==399:
return m_point_399
elif pointer ==400:
return m_point_400
elif pointer ==401:
return m_point_401
elif pointer ==402:
return m_point_402
elif pointer ==403:
return m_point_403
elif pointer ==404:
return m_point_404
elif pointer ==405:
return m_point_405
elif pointer ==406:
return m_point_406
elif pointer ==407:
return m_point_407
elif pointer ==408:
return m_point_408
elif pointer ==409:
return m_point_409
elif pointer ==410:
return m_point_410
elif pointer ==411:
return m_point_411
elif pointer ==412:
return m_point_412
elif pointer ==413:
return m_point_413
elif pointer ==414:
return m_point_414
elif pointer ==415:
return m_point_415
elif pointer ==416:
return m_point_416
elif pointer ==417:
return m_point_417
elif pointer ==418:
return m_point_418
elif pointer ==419:
return m_point_419
elif pointer ==420:
return m_point_420
elif pointer ==421:
return m_point_421
elif pointer ==422:
return m_point_422
elif pointer ==423:
return m_point_423
elif pointer ==424:
return m_point_424
elif pointer ==425:
return m_point_425
elif pointer ==426:
```

```
return m_point_426
elif pointer ==427:
return m_point_427
elif pointer ==428:
return m_point_428
elif pointer ==429:
return m_point_429
elif pointer ==430:
return m_point_430
elif pointer ==431:
return m_point_431
elif pointer ==432:
return m_point_432
elif pointer ==433:
return m_point_433
elif pointer ==434:
return m_point_434
elif pointer ==435:
return m_point_435
elif pointer ==436:
return m_point_436
elif pointer ==437:
return m_point_437
elif pointer ==438:
return m_point_438
elif pointer ==439:
return m_point_439
elif pointer ==440:
return m_point_440
elif pointer ==441:
return m_point_441
elif pointer ==442:
return m_point_442
elif pointer ==443:
return m_point_443
elif pointer ==444:
return m_point_444
elif pointer ==445:
return m_point_445
elif pointer ==446:
return m_point_446
elif pointer ==447:
return m_point_447
elif pointer ==448:
return m_point_448
elif pointer ==449:
return m_point_449
elif pointer ==450:
return m_point_450
elif pointer ==451:
return m_point_451
elif pointer ==452:
return m_point_452
elif pointer ==453:
return m_point_453
elif pointer ==454:
return m_point_454
elif pointer ==455:
return m_point_455
elif pointer ==456:
return m_point_456
elif pointer ==457:
return m_point_457
elif pointer ==458:
return m_point_458
elif pointer ==459:
return m_point_459
elif pointer ==460:
return m_point_460
elif pointer ==461:
```

```
return m_point_461
elif pointer ==462:
return m_point_462
elif pointer ==463:
return m_point_463
elif pointer ==464:
return m_point_464
elif pointer ==465:
return m_point_465
elif pointer ==466:
return m_point_466
elif pointer ==467:
return m_point_467
elif pointer ==468:
return m_point_468
elif pointer ==469:
return m_point_469
elif pointer ==470:
return m_point_470
elif pointer ==471:
return m_point_471
elif pointer ==472:
return m_point_472
elif pointer ==473:
return m_point_473
elif pointer ==474:
return m_point_474
elif pointer ==475:
return m_point_475
elif pointer ==476:
return m_point_476
elif pointer ==477:
return m_point_477
elif pointer ==478:
return m_point_478
elif pointer ==479:
return m_point_479
elif pointer ==480:
return m_point_480
elif pointer ==481:
return m_point_481
elif pointer ==482:
return m_point_482
elif pointer ==483:
return m_point_483
elif pointer ==484:
return m_point_484
elif pointer ==485:
return m_point_485
elif pointer ==486:
return m_point_486
elif pointer ==487:
return m_point_487
elif pointer ==488:
return m_point_488
elif pointer ==489:
return m_point_489
elif pointer ==490:
return m_point_490
elif pointer ==491:
return m_point_491
elif pointer ==492:
return m_point_492
elif pointer ==493:
return m_point_493
elif pointer ==494:
return m_point_494
elif pointer ==495:
return m_point_495
elif pointer ==496:
```

```
return m_point_496
elif pointer ==497:
return m_point_497
elif pointer ==498:
return m_point_498
elif pointer ==499:
return m_point_499
elif pointer ==500:
return m_point_500
elif pointer ==501:
return m_point_501
elif pointer ==502:
return m_point_502
elif pointer ==503:
return m_point_503
elif pointer ==504:
return m_point_504
elif pointer ==505:
return m_point_505
elif pointer ==506:
return m_point_506
elif pointer ==507:
return m_point_507
elif pointer ==508:
return m_point_508
elif pointer ==509:
return m_point_509
elif pointer ==510:
return m_point_510
elif pointer ==511:
return m_point_511
elif pointer ==512:
return m_point_512
elif pointer ==513:
return m_point_513
elif pointer ==514:
return m_point_514
elif pointer ==515:
return m_point_515
elif pointer ==516:
return m_point_516
elif pointer ==517:
return m_point_517
elif pointer ==518:
return m_point_518
elif pointer ==519:
return m_point_519
elif pointer ==520:
return m_point_520
elif pointer ==521:
return m_point_521
elif pointer ==522:
return m_point_522
elif pointer ==523:
return m_point_523
elif pointer ==524:
return m_point_524
elif pointer ==525:
return m_point_525
elif pointer ==526:
return m_point_526
elif pointer ==527:
return m_point_527
elif pointer ==528:
return m_point_528
elif pointer ==529:
return m_point_529
elif pointer ==530:
return m_point_530
elif pointer ==531:
```

```
return m_point_531
elif pointer ==532:
return m_point_532
elif pointer ==533:
return m_point_533
elif pointer ==534:
return m_point_534
elif pointer ==535:
return m_point_535
elif pointer ==536:
return m_point_536
elif pointer ==537:
return m_point_537
elif pointer ==538:
return m_point_538
elif pointer ==539:
return m_point_539
elif pointer ==540:
return m_point_540
elif pointer ==541:
return m_point_541
elif pointer ==542:
return m_point_542
elif pointer ==543:
return m_point_543
elif pointer ==544:
return m_point_544
elif pointer ==545:
return m_point_545
elif pointer ==546:
return m_point_546
elif pointer ==547:
return m_point_547
elif pointer ==548:
return m_point_548
elif pointer ==549:
return m_point_549
elif pointer ==550:
return m_point_550
elif pointer ==551:
return m_point_551
elif pointer ==552:
return m_point_552
elif pointer ==553:
return m_point_553
elif pointer ==554:
return m_point_554
elif pointer ==555:
return m_point_555
elif pointer ==556:
return m_point_556
elif pointer ==557:
return m_point_557
elif pointer ==558:
return m_point_558
elif pointer ==559:
return m_point_559
elif pointer ==560:
return m_point_560
elif pointer ==561:
return m_point_561
elif pointer ==562:
return m_point_562
elif pointer ==563:
return m_point_563
elif pointer ==564:
return m_point_564
elif pointer ==565:
return m_point_565
elif pointer ==566:
```

```
return m_point_566
elif pointer ==567:
return m_point_567
elif pointer ==568:
return m_point_568
elif pointer ==569:
return m_point_569
elif pointer ==570:
return m_point_570
elif pointer ==571:
return m_point_571
elif pointer ==572:
return m_point_572
elif pointer ==573:
return m_point_573
elif pointer ==574:
return m_point_574
elif pointer ==575:
return m_point_575
elif pointer ==576:
return m_point_576
elif pointer ==577:
return m_point_577
elif pointer ==578:
return m_point_578
elif pointer ==579:
return m_point_579
elif pointer ==580:
return m_point_580
elif pointer ==581:
return m_point_581
elif pointer ==582:
return m_point_582
elif pointer ==583:
return m_point_583
elif pointer ==584:
return m_point_584
elif pointer ==585:
return m_point_585
elif pointer ==586:
return m_point_586
elif pointer ==587:
return m_point_587
elif pointer ==588:
return m_point_588
elif pointer ==589:
return m_point_589
elif pointer ==590:
return m_point_590
elif pointer ==591:
return m_point_591
elif pointer ==592:
return m_point_592
elif pointer ==593:
return m_point_593
elif pointer ==594:
return m_point_594
elif pointer ==595:
return m_point_595
elif pointer ==596:
return m_point_596
elif pointer ==597:
return m_point_597
elif pointer ==598:
return m_point_598
elif pointer ==599:
return m_point_599
elif pointer ==600:
return m_point_600
elif pointer ==601:
```



```
return m_point_601
elif pointer ==602:
return m_point_602
elif pointer ==603:
return m_point_603
elif pointer ==604:
return m_point_604
elif pointer ==605:
return m_point_605
elif pointer ==606:
return m_point_606
elif pointer ==607:
return m_point_607
elif pointer ==608:
return m_point_608
elif pointer ==609:
return m_point_609
elif pointer ==610:
return m_point_610
elif pointer ==611:
return m_point_611
elif pointer ==612:
return m_point_612
elif pointer ==613:
return m_point_613
elif pointer ==614:
return m_point_614
elif pointer ==615:
return m_point_615
elif pointer ==616:
return m_point_616
elif pointer ==617:
return m_point_617
elif pointer ==618:
return m_point_618
elif pointer ==619:
return m_point_619
elif pointer ==620:
return m_point_620
elif pointer ==621:
return m_point_621
elif pointer ==622:
return m_point_622
elif pointer ==623:
return m_point_623
elif pointer ==624:
return m_point_624
elif pointer ==625:
return m_point_625
elif pointer ==626:
return m_point_626
elif pointer ==627:
return m_point_627
elif pointer ==628:
return m_point_628
elif pointer ==629:
return m_point_629
elif pointer ==630:
return m_point_630
elif pointer ==631:
return m_point_631
elif pointer ==632:
return m_point_632
elif pointer ==633:
return m_point_633
elif pointer ==634:
return m_point_634
elif pointer ==635:
return m_point_635
elif pointer ==636:
```

```
return m_point_636
elif pointer ==637:
return m_point_637
elif pointer ==638:
return m_point_638
elif pointer ==639:
return m_point_639
elif pointer ==640:
return m_point_640
elif pointer ==641:
return m_point_641
elif pointer ==642:
return m_point_642
elif pointer ==643:
return m_point_643
elif pointer ==644:
return m_point_644
elif pointer ==645:
return m_point_645
elif pointer ==646:
return m_point_646
elif pointer ==647:
return m_point_647
elif pointer ==648:
return m_point_648
elif pointer ==649:
return m_point_649
elif pointer ==650:
return m_point_650
elif pointer ==651:
return m_point_651
elif pointer ==652:
return m_point_652
elif pointer ==653:
return m_point_653
elif pointer ==654:
return m_point_654
elif pointer ==655:
return m_point_655
elif pointer ==656:
return m_point_656
elif pointer ==657:
return m_point_657
elif pointer ==658:
return m_point_658
elif pointer ==659:
return m_point_659
elif pointer ==660:
return m_point_660
elif pointer ==661:
return m_point_661
elif pointer ==662:
return m_point_662
elif pointer ==663:
return m_point_663
elif pointer ==664:
return m_point_664
elif pointer ==665:
return m_point_665
elif pointer ==666:
return m_point_666
elif pointer ==667:
return m_point_667
elif pointer ==668:
return m_point_668
elif pointer ==669:
return m_point_669
elif pointer ==670:
return m_point_670
elif pointer ==671:
```

```
return m_point_671
elif pointer ==672:
return m_point_672
elif pointer ==673:
return m_point_673
elif pointer ==674:
return m_point_674
elif pointer ==675:
return m_point_675
elif pointer ==676:
return m_point_676
elif pointer ==677:
return m_point_677
elif pointer ==678:
return m_point_678
elif pointer ==679:
return m_point_679
elif pointer ==680:
return m_point_680
elif pointer ==681:
return m_point_681
elif pointer ==682:
return m_point_682
elif pointer ==683:
return m_point_683
elif pointer ==684:
return m_point_684
elif pointer ==685:
return m_point_685
elif pointer ==686:
return m_point_686
elif pointer ==687:
return m_point_687
elif pointer ==688:
return m_point_688
elif pointer ==689:
return m_point_689
elif pointer ==690:
return m_point_690
elif pointer ==691:
return m_point_691
elif pointer ==692:
return m_point_692
elif pointer ==693:
return m_point_693
elif pointer ==694:
return m_point_694
elif pointer ==695:
return m_point_695
elif pointer ==696:
return m_point_696
elif pointer ==697:
return m_point_697
elif pointer ==698:
return m_point_698
elif pointer ==699:
return m_point_699
elif pointer ==700:
return m_point_700
elif pointer ==701:
return m_point_701
elif pointer ==702:
return m_point_702
elif pointer ==703:
return m_point_703
elif pointer ==704:
return m_point_704
elif pointer ==705:
return m_point_705
elif pointer ==706:
```

```
return m_point_706
elif pointer ==707:
return m_point_707
elif pointer ==708:
return m_point_708
elif pointer ==709:
return m_point_709
elif pointer ==710:
return m_point_710
elif pointer ==711:
return m_point_711
elif pointer ==712:
return m_point_712
elif pointer ==713:
return m_point_713
elif pointer ==714:
return m_point_714
elif pointer ==715:
return m_point_715
elif pointer ==716:
return m_point_716
elif pointer ==717:
return m_point_717
elif pointer ==718:
return m_point_718
elif pointer ==719:
return m_point_719
elif pointer ==720:
return m_point_720
elif pointer ==721:
return m_point_721
elif pointer ==722:
return m_point_722
elif pointer ==723:
return m_point_723
elif pointer ==724:
return m_point_724
elif pointer ==725:
return m_point_725
elif pointer ==726:
return m_point_726
elif pointer ==727:
return m_point_727
elif pointer ==728:
return m_point_728
elif pointer ==729:
return m_point_729
elif pointer ==730:
return m_point_730
elif pointer ==731:
return m_point_731
elif pointer ==732:
return m_point_732
elif pointer ==733:
return m_point_733
elif pointer ==734:
return m_point_734
elif pointer ==735:
return m_point_735
elif pointer ==736:
return m_point_736
elif pointer ==737:
return m_point_737
elif pointer ==738:
return m_point_738
elif pointer ==739:
return m_point_739
elif pointer ==740:
return m_point_740
elif pointer ==741:
```

```
return m_point_741
elif pointer ==742:
return m_point_742
elif pointer ==743:
return m_point_743
elif pointer ==744:
return m_point_744
elif pointer ==745:
return m_point_745
elif pointer ==746:
return m_point_746
elif pointer ==747:
return m_point_747
elif pointer ==748:
return m_point_748
elif pointer ==749:
return m_point_749
elif pointer ==750:
return m_point_750
elif pointer ==751:
return m_point_751
elif pointer ==752:
return m_point_752
elif pointer ==753:
return m_point_753
elif pointer ==754:
return m_point_754
elif pointer ==755:
return m_point_755
elif pointer ==756:
return m_point_756
elif pointer ==757:
return m_point_757
elif pointer ==758:
return m_point_758
elif pointer ==759:
return m_point_759
elif pointer ==760:
return m_point_760
elif pointer ==761:
return m_point_761
elif pointer ==762:
return m_point_762
elif pointer ==763:
return m_point_763
elif pointer ==764:
return m_point_764
elif pointer ==765:
return m_point_765
elif pointer ==766:
return m_point_766
elif pointer ==767:
return m_point_767
elif pointer ==768:
return m_point_768
elif pointer ==769:
return m_point_769
elif pointer ==770:
return m_point_770
elif pointer ==771:
return m_point_771
elif pointer ==772:
return m_point_772
elif pointer ==773:
return m_point_773
elif pointer ==774:
return m_point_774
elif pointer ==775:
return m_point_775
elif pointer ==776:
```

```
return m_point_776
elif pointer ==777:
return m_point_777
elif pointer ==778:
return m_point_778
elif pointer ==779:
return m_point_779
elif pointer ==780:
return m_point_780
elif pointer ==781:
return m_point_781
elif pointer ==782:
return m_point_782
elif pointer ==783:
return m_point_783
elif pointer ==784:
return m_point_784
elif pointer ==785:
return m_point_785
elif pointer ==786:
return m_point_786
elif pointer ==787:
return m_point_787
elif pointer ==788:
return m_point_788
elif pointer ==789:
return m_point_789
elif pointer ==790:
return m_point_790
elif pointer ==791:
return m_point_791
elif pointer ==792:
return m_point_792
elif pointer ==793:
return m_point_793
elif pointer ==794:
return m_point_794
elif pointer ==795:
return m_point_795
elif pointer ==796:
return m_point_796
elif pointer ==797:
return m_point_797
elif pointer ==798:
return m_point_798
elif pointer ==799:
return m_point_799
elif pointer ==800:
return m_point_800
elif pointer ==801:
return m_point_801
elif pointer ==802:
return m_point_802
elif pointer ==803:
return m_point_803
elif pointer ==804:
return m_point_804
elif pointer ==805:
return m_point_805
elif pointer ==806:
return m_point_806
elif pointer ==807:
return m_point_807
elif pointer ==808:
return m_point_808
elif pointer ==809:
return m_point_809
elif pointer ==810:
return m_point_810
elif pointer ==811:
```

```
return m_point_811
elif pointer ==812:
return m_point_812
elif pointer ==813:
return m_point_813
elif pointer ==814:
return m_point_814
elif pointer ==815:
return m_point_815
elif pointer ==816:
return m_point_816
elif pointer ==817:
return m_point_817
elif pointer ==818:
return m_point_818
elif pointer ==819:
return m_point_819
elif pointer ==820:
return m_point_820
elif pointer ==821:
return m_point_821
elif pointer ==822:
return m_point_822
elif pointer ==823:
return m_point_823
elif pointer ==824:
return m_point_824
elif pointer ==825:
return m_point_825
elif pointer ==826:
return m_point_826
elif pointer ==827:
return m_point_827
elif pointer ==828:
return m_point_828
elif pointer ==829:
return m_point_829
elif pointer ==830:
return m_point_830
elif pointer ==831:
return m_point_831
elif pointer ==832:
return m_point_832
elif pointer ==833:
return m_point_833
elif pointer ==834:
return m_point_834
elif pointer ==835:
return m_point_835
elif pointer ==836:
return m_point_836
elif pointer ==837:
return m_point_837
elif pointer ==838:
return m_point_838
elif pointer ==839:
return m_point_839
elif pointer ==840:
return m_point_840
elif pointer ==841:
return m_point_841
elif pointer ==842:
return m_point_842
elif pointer ==843:
return m_point_843
elif pointer ==844:
return m_point_844
elif pointer ==845:
return m_point_845
elif pointer ==846:
```

```
return m_point_846
elif pointer ==847:
return m_point_847
elif pointer ==848:
return m_point_848
elif pointer ==849:
return m_point_849
elif pointer ==850:
return m_point_850
elif pointer ==851:
return m_point_851
elif pointer ==852:
return m_point_852
elif pointer ==853:
return m_point_853
elif pointer ==854:
return m_point_854
elif pointer ==855:
return m_point_855
elif pointer ==856:
return m_point_856
elif pointer ==857:
return m_point_857
elif pointer ==858:
return m_point_858
elif pointer ==859:
return m_point_859
elif pointer ==860:
return m_point_860
elif pointer ==861:
return m_point_861
elif pointer ==862:
return m_point_862
elif pointer ==863:
return m_point_863
elif pointer ==864:
return m_point_864
elif pointer ==865:
return m_point_865
elif pointer ==866:
return m_point_866
elif pointer ==867:
return m_point_867
elif pointer ==868:
return m_point_868
elif pointer ==869:
return m_point_869
elif pointer ==870:
return m_point_870
elif pointer ==871:
return m_point_871
elif pointer ==872:
return m_point_872
elif pointer ==873:
return m_point_873
elif pointer ==874:
return m_point_874
elif pointer ==875:
return m_point_875
elif pointer ==876:
return m_point_876
elif pointer ==877:
return m_point_877
elif pointer ==878:
return m_point_878
elif pointer ==879:
return m_point_879
elif pointer ==880:
return m_point_880
elif pointer ==881:
```



```
return m_point_881
elif pointer ==882:
return m_point_882
elif pointer ==883:
return m_point_883
elif pointer ==884:
return m_point_884
elif pointer ==885:
return m_point_885
elif pointer ==886:
return m_point_886
elif pointer ==887:
return m_point_887
elif pointer ==888:
return m_point_888
elif pointer ==889:
return m_point_889
elif pointer ==890:
return m_point_890
elif pointer ==891:
return m_point_891
elif pointer ==892:
return m_point_892
elif pointer ==893:
return m_point_893
elif pointer ==894:
return m_point_894
elif pointer ==895:
return m_point_895
elif pointer ==896:
return m_point_896
elif pointer ==897:
return m_point_897
elif pointer ==898:
return m_point_898
elif pointer ==899:
return m_point_899
elif pointer ==900:
return m_point_900
elif pointer ==901:
return m_point_901
elif pointer ==902:
return m_point_902
elif pointer ==903:
return m_point_903
elif pointer ==904:
return m_point_904
elif pointer ==905:
return m_point_905
elif pointer ==906:
return m_point_906
elif pointer ==907:
return m_point_907
elif pointer ==908:
return m_point_908
elif pointer ==909:
return m_point_909
elif pointer ==910:
return m_point_910
elif pointer ==911:
return m_point_911
elif pointer ==912:
return m_point_912
elif pointer ==913:
return m_point_913
elif pointer ==914:
return m_point_914
elif pointer ==915:
return m_point_915
elif pointer ==916:
```

```
return m_point_916
elif pointer ==917:
return m_point_917
elif pointer ==918:
return m_point_918
elif pointer ==919:
return m_point_919
elif pointer ==920:
return m_point_920
elif pointer ==921:
return m_point_921
elif pointer ==922:
return m_point_922
elif pointer ==923:
return m_point_923
elif pointer ==924:
return m_point_924
elif pointer ==925:
return m_point_925
elif pointer ==926:
return m_point_926
elif pointer ==927:
return m_point_927
elif pointer ==928:
return m_point_928
elif pointer ==929:
return m_point_929
elif pointer ==930:
return m_point_930
elif pointer ==931:
return m_point_931
elif pointer ==932:
return m_point_932
elif pointer ==933:
return m_point_933
elif pointer ==934:
return m_point_934
elif pointer ==935:
return m_point_935
elif pointer ==936:
return m_point_936
elif pointer ==937:
return m_point_937
elif pointer ==938:
return m_point_938
elif pointer ==939:
return m_point_939
elif pointer ==940:
return m_point_940
elif pointer ==941:
return m_point_941
elif pointer ==942:
return m_point_942
elif pointer ==943:
return m_point_943
elif pointer ==944:
return m_point_944
elif pointer ==945:
return m_point_945
elif pointer ==946:
return m_point_946
elif pointer ==947:
return m_point_947
elif pointer ==948:
return m_point_948
elif pointer ==949:
return m_point_949
elif pointer ==950:
return m_point_950
elif pointer ==951:
```

```
return m_point_951
elif pointer ==952:
return m_point_952
elif pointer ==953:
return m_point_953
elif pointer ==954:
return m_point_954
elif pointer ==955:
return m_point_955
elif pointer ==956:
return m_point_956
elif pointer ==957:
return m_point_957
elif pointer ==958:
return m_point_958
elif pointer ==959:
return m_point_959
elif pointer ==960:
return m_point_960
elif pointer ==961:
return m_point_961
elif pointer ==962:
return m_point_962
elif pointer ==963:
return m_point_963
elif pointer ==964:
return m_point_964
elif pointer ==965:
return m_point_965
elif pointer ==966:
return m_point_966
elif pointer ==967:
return m_point_967
elif pointer ==968:
return m_point_968
elif pointer ==969:
return m_point_969
elif pointer ==970:
return m_point_970
elif pointer ==971:
return m_point_971
elif pointer ==972:
return m_point_972
elif pointer ==973:
return m_point_973
elif pointer ==974:
return m_point_974
elif pointer ==975:
return m_point_975
elif pointer ==976:
return m_point_976
elif pointer ==977:
return m_point_977
elif pointer ==978:
return m_point_978
elif pointer ==979:
return m_point_979
elif pointer ==980:
return m_point_980
elif pointer ==981:
return m_point_981
elif pointer ==982:
return m_point_982
elif pointer ==983:
return m_point_983
elif pointer ==984:
return m_point_984
elif pointer ==985:
return m_point_985
elif pointer ==986:
```

```

return m_point_986
elif pointer ==987:
return m_point_987
elif pointer ==988:
return m_point_988
elif pointer ==989:
return m_point_989
elif pointer ==990:
return m_point_990
elif pointer ==991:
return m_point_991
elif pointer ==992:
return m_point_992
elif pointer ==993:
return m_point_993
elif pointer ==994:
return m_point_994
elif pointer ==995:
return m_point_995
elif pointer ==996:
return m_point_996
elif pointer ==997:
return m_point_997
elif pointer ==998:
return m_point_998
elif pointer ==999:
return m_point_999
else:
return p[0,0,0,0,0,0]
end
end
end

```

```

def set_point(pointer =0, point = 0):
if pointer == 0:
m_point_0 = point
elif pointer ==1:
m_point_1= point
elif pointer ==2:
m_point_2= point
elif pointer ==3:
m_point_3= point
elif pointer ==4:
m_point_4= point
elif pointer ==5:
m_point_5= point
elif pointer ==6:
m_point_6= point
elif pointer ==7:
m_point_7= point
elif pointer ==8:
m_point_8= point
elif pointer ==9:
m_point_9= point
elif pointer ==10:
m_point_10= point
elif pointer ==11:
m_point_11= point
elif pointer ==12:
m_point_12= point
elif pointer ==13:
m_point_13= point
elif pointer ==14:
m_point_14= point
elif pointer ==15:
m_point_15= point
elif pointer ==16:
m_point_16= point
elif pointer ==17:
m_point_17= point
elif pointer ==18:

```

m_point_18= point
elif pointer ==19:
m_point_19= point
elif pointer ==20:
m_point_20= point
elif pointer ==21:
m_point_21= point
elif pointer ==22:
m_point_22= point
elif pointer ==23:
m_point_23= point
elif pointer ==24:
m_point_24= point
elif pointer ==25:
m_point_25= point
elif pointer ==26:
m_point_26= point
elif pointer ==27:
m_point_27= point
elif pointer ==28:
m_point_28= point
elif pointer ==29:
m_point_29= point
elif pointer ==30:
m_point_30= point
elif pointer ==31:
m_point_31= point
elif pointer ==32:
m_point_32= point
elif pointer ==33:
m_point_33= point
elif pointer ==34:
m_point_34= point
elif pointer ==35:
m_point_35= point
elif pointer ==36:
m_point_36= point
elif pointer ==37:
m_point_37= point
elif pointer ==38:
m_point_38= point
elif pointer ==39:
m_point_39= point
elif pointer ==40:
m_point_40= point
elif pointer ==41:
m_point_41= point
elif pointer ==42:
m_point_42= point
elif pointer ==43:
m_point_43= point
elif pointer ==44:
m_point_44= point
elif pointer ==45:
m_point_45= point
elif pointer ==46:
m_point_46= point
elif pointer ==47:
m_point_47= point
elif pointer ==48:
m_point_48= point
elif pointer ==49:
m_point_49= point
elif pointer ==50:
m_point_50= point
elif pointer ==51:
m_point_51= point
elif pointer ==52:
m_point_52= point
elif pointer ==53:

m_point_53= point
elif pointer ==54:
m_point_54= point
elif pointer ==55:
m_point_55= point
elif pointer ==56:
m_point_56= point
elif pointer ==57:
m_point_57= point
elif pointer ==58:
m_point_58= point
elif pointer ==59:
m_point_59= point
elif pointer ==60:
m_point_60= point
elif pointer ==61:
m_point_61= point
elif pointer ==62:
m_point_62= point
elif pointer ==63:
m_point_63= point
elif pointer ==64:
m_point_64= point
elif pointer ==65:
m_point_65= point
elif pointer ==66:
m_point_66= point
elif pointer ==67:
m_point_67= point
elif pointer ==68:
m_point_68= point
elif pointer ==69:
m_point_69= point
elif pointer ==70:
m_point_70= point
elif pointer ==71:
m_point_71= point
elif pointer ==72:
m_point_72= point
elif pointer ==73:
m_point_73= point
elif pointer ==74:
m_point_74= point
elif pointer ==75:
m_point_75= point
elif pointer ==76:
m_point_76= point
elif pointer ==77:
m_point_77= point
elif pointer ==78:
m_point_78= point
elif pointer ==79:
m_point_79= point
elif pointer ==80:
m_point_80= point
elif pointer ==81:
m_point_81= point
elif pointer ==82:
m_point_82= point
elif pointer ==83:
m_point_83= point
elif pointer ==84:
m_point_84= point
elif pointer ==85:
m_point_85= point
elif pointer ==86:
m_point_86= point
elif pointer ==87:
m_point_87= point
elif pointer ==88:

m_point_88= point
elif pointer ==89:
m_point_89= point
elif pointer ==90:
m_point_90= point
elif pointer ==91:
m_point_91= point
elif pointer ==92:
m_point_92= point
elif pointer ==93:
m_point_93= point
elif pointer ==94:
m_point_94= point
elif pointer ==95:
m_point_95= point
elif pointer ==96:
m_point_96= point
elif pointer ==97:
m_point_97= point
elif pointer ==98:
m_point_98= point
elif pointer ==99:
m_point_99= point
elif pointer ==100:
m_point_100= point
elif pointer ==101:
m_point_101= point
elif pointer ==102:
m_point_102= point
elif pointer ==103:
m_point_103= point
elif pointer ==104:
m_point_104= point
elif pointer ==105:
m_point_105= point
elif pointer ==106:
m_point_106= point
elif pointer ==107:
m_point_107= point
elif pointer ==108:
m_point_108= point
elif pointer ==109:
m_point_109= point
elif pointer ==110:
m_point_110= point
elif pointer ==111:
m_point_111= point
elif pointer ==112:
m_point_112= point
elif pointer ==113:
m_point_113= point
elif pointer ==114:
m_point_114= point
elif pointer ==115:
m_point_115= point
elif pointer ==116:
m_point_116= point
elif pointer ==117:
m_point_117= point
elif pointer ==118:
m_point_118= point
elif pointer ==119:
m_point_119= point
elif pointer ==120:
m_point_120= point
elif pointer ==121:
m_point_121= point
elif pointer ==122:
m_point_122= point
elif pointer ==123:

m_point_123= point
elif pointer ==124:
m_point_124= point
elif pointer ==125:
m_point_125= point
elif pointer ==126:
m_point_126= point
elif pointer ==127:
m_point_127= point
elif pointer ==128:
m_point_128= point
elif pointer ==129:
m_point_129= point
elif pointer ==130:
m_point_130= point
elif pointer ==131:
m_point_131= point
elif pointer ==132:
m_point_132= point
elif pointer ==133:
m_point_133= point
elif pointer ==134:
m_point_134= point
elif pointer ==135:
m_point_135= point
elif pointer ==136:
m_point_136= point
elif pointer ==137:
m_point_137= point
elif pointer ==138:
m_point_138= point
elif pointer ==139:
m_point_139= point
elif pointer ==140:
m_point_140= point
elif pointer ==141:
m_point_141= point
elif pointer ==142:
m_point_142= point
elif pointer ==143:
m_point_143= point
elif pointer ==144:
m_point_144= point
elif pointer ==145:
m_point_145= point
elif pointer ==146:
m_point_146= point
elif pointer ==147:
m_point_147= point
elif pointer ==148:
m_point_148= point
elif pointer ==149:
m_point_149= point
elif pointer ==150:
m_point_150= point
elif pointer ==151:
m_point_151= point
elif pointer ==152:
m_point_152= point
elif pointer ==153:
m_point_153= point
elif pointer ==154:
m_point_154= point
elif pointer ==155:
m_point_155= point
elif pointer ==156:
m_point_156= point
elif pointer ==157:
m_point_157= point
elif pointer ==158:

m_point_158= point
elif pointer ==159:
m_point_159= point
elif pointer ==160:
m_point_160= point
elif pointer ==161:
m_point_161= point
elif pointer ==162:
m_point_162= point
elif pointer ==163:
m_point_163= point
elif pointer ==164:
m_point_164= point
elif pointer ==165:
m_point_165= point
elif pointer ==166:
m_point_166= point
elif pointer ==167:
m_point_167= point
elif pointer ==168:
m_point_168= point
elif pointer ==169:
m_point_169= point
elif pointer ==170:
m_point_170= point
elif pointer ==171:
m_point_171= point
elif pointer ==172:
m_point_172= point
elif pointer ==173:
m_point_173= point
elif pointer ==174:
m_point_174= point
elif pointer ==175:
m_point_175= point
elif pointer ==176:
m_point_176= point
elif pointer ==177:
m_point_177= point
elif pointer ==178:
m_point_178= point
elif pointer ==179:
m_point_179= point
elif pointer ==180:
m_point_180= point
elif pointer ==181:
m_point_181= point
elif pointer ==182:
m_point_182= point
elif pointer ==183:
m_point_183= point
elif pointer ==184:
m_point_184= point
elif pointer ==185:
m_point_185= point
elif pointer ==186:
m_point_186= point
elif pointer ==187:
m_point_187= point
elif pointer ==188:
m_point_188= point
elif pointer ==189:
m_point_189= point
elif pointer ==190:
m_point_190= point
elif pointer ==191:
m_point_191= point
elif pointer ==192:
m_point_192= point
elif pointer ==193:

m_point_193= point
elif pointer ==194:
m_point_194= point
elif pointer ==195:
m_point_195= point
elif pointer ==196:
m_point_196= point
elif pointer ==197:
m_point_197= point
elif pointer ==198:
m_point_198= point
elif pointer ==199:
m_point_199= point
elif pointer ==200:
m_point_200= point
elif pointer ==201:
m_point_201= point
elif pointer ==202:
m_point_202= point
elif pointer ==203:
m_point_203= point
elif pointer ==204:
m_point_204= point
elif pointer ==205:
m_point_205= point
elif pointer ==206:
m_point_206= point
elif pointer ==207:
m_point_207= point
elif pointer ==208:
m_point_208= point
elif pointer ==209:
m_point_209= point
elif pointer ==210:
m_point_210= point
elif pointer ==211:
m_point_211= point
elif pointer ==212:
m_point_212= point
elif pointer ==213:
m_point_213= point
elif pointer ==214:
m_point_214= point
elif pointer ==215:
m_point_215= point
elif pointer ==216:
m_point_216= point
elif pointer ==217:
m_point_217= point
elif pointer ==218:
m_point_218= point
elif pointer ==219:
m_point_219= point
elif pointer ==220:
m_point_220= point
elif pointer ==221:
m_point_221= point
elif pointer ==222:
m_point_222= point
elif pointer ==223:
m_point_223= point
elif pointer ==224:
m_point_224= point
elif pointer ==225:
m_point_225= point
elif pointer ==226:
m_point_226= point
elif pointer ==227:
m_point_227= point
elif pointer ==228:

m_point_228= point
elif pointer ==229:
m_point_229= point
elif pointer ==230:
m_point_230= point
elif pointer ==231:
m_point_231= point
elif pointer ==232:
m_point_232= point
elif pointer ==233:
m_point_233= point
elif pointer ==234:
m_point_234= point
elif pointer ==235:
m_point_235= point
elif pointer ==236:
m_point_236= point
elif pointer ==237:
m_point_237= point
elif pointer ==238:
m_point_238= point
elif pointer ==239:
m_point_239= point
elif pointer ==240:
m_point_240= point
elif pointer ==241:
m_point_241= point
elif pointer ==242:
m_point_242= point
elif pointer ==243:
m_point_243= point
elif pointer ==244:
m_point_244= point
elif pointer ==245:
m_point_245= point
elif pointer ==246:
m_point_246= point
elif pointer ==247:
m_point_247= point
elif pointer ==248:
m_point_248= point
elif pointer ==249:
m_point_249= point
elif pointer ==250:
m_point_250= point
elif pointer ==251:
m_point_251= point
elif pointer ==252:
m_point_252= point
elif pointer ==253:
m_point_253= point
elif pointer ==254:
m_point_254= point
elif pointer ==255:
m_point_255= point
elif pointer ==256:
m_point_256= point
elif pointer ==257:
m_point_257= point
elif pointer ==258:
m_point_258= point
elif pointer ==259:
m_point_259= point
elif pointer ==260:
m_point_260= point
elif pointer ==261:
m_point_261= point
elif pointer ==262:
m_point_262= point
elif pointer ==263:

m_point_263= point
elif pointer ==264:
m_point_264= point
elif pointer ==265:
m_point_265= point
elif pointer ==266:
m_point_266= point
elif pointer ==267:
m_point_267= point
elif pointer ==268:
m_point_268= point
elif pointer ==269:
m_point_269= point
elif pointer ==270:
m_point_270= point
elif pointer ==271:
m_point_271= point
elif pointer ==272:
m_point_272= point
elif pointer ==273:
m_point_273= point
elif pointer ==274:
m_point_274= point
elif pointer ==275:
m_point_275= point
elif pointer ==276:
m_point_276= point
elif pointer ==277:
m_point_277= point
elif pointer ==278:
m_point_278= point
elif pointer ==279:
m_point_279= point
elif pointer ==280:
m_point_280= point
elif pointer ==281:
m_point_281= point
elif pointer ==282:
m_point_282= point
elif pointer ==283:
m_point_283= point
elif pointer ==284:
m_point_284= point
elif pointer ==285:
m_point_285= point
elif pointer ==286:
m_point_286= point
elif pointer ==287:
m_point_287= point
elif pointer ==288:
m_point_288= point
elif pointer ==289:
m_point_289= point
elif pointer ==290:
m_point_290= point
elif pointer ==291:
m_point_291= point
elif pointer ==292:
m_point_292= point
elif pointer ==293:
m_point_293= point
elif pointer ==294:
m_point_294= point
elif pointer ==295:
m_point_295= point
elif pointer ==296:
m_point_296= point
elif pointer ==297:
m_point_297= point
elif pointer ==298:

m_point_298= point
elif pointer ==299:
m_point_299= point
elif pointer ==300:
m_point_300= point
elif pointer ==301:
m_point_301= point
elif pointer ==302:
m_point_302= point
elif pointer ==303:
m_point_303= point
elif pointer ==304:
m_point_304= point
elif pointer ==305:
m_point_305= point
elif pointer ==306:
m_point_306= point
elif pointer ==307:
m_point_307= point
elif pointer ==308:
m_point_308= point
elif pointer ==309:
m_point_309= point
elif pointer ==310:
m_point_310= point
elif pointer ==311:
m_point_311= point
elif pointer ==312:
m_point_312= point
elif pointer ==313:
m_point_313= point
elif pointer ==314:
m_point_314= point
elif pointer ==315:
m_point_315= point
elif pointer ==316:
m_point_316= point
elif pointer ==317:
m_point_317= point
elif pointer ==318:
m_point_318= point
elif pointer ==319:
m_point_319= point
elif pointer ==320:
m_point_320= point
elif pointer ==321:
m_point_321= point
elif pointer ==322:
m_point_322= point
elif pointer ==323:
m_point_323= point
elif pointer ==324:
m_point_324= point
elif pointer ==325:
m_point_325= point
elif pointer ==326:
m_point_326= point
elif pointer ==327:
m_point_327= point
elif pointer ==328:
m_point_328= point
elif pointer ==329:
m_point_329= point
elif pointer ==330:
m_point_330= point
elif pointer ==331:
m_point_331= point
elif pointer ==332:
m_point_332= point
elif pointer ==333:

m_point_333= point
elif pointer ==334:
m_point_334= point
elif pointer ==335:
m_point_335= point
elif pointer ==336:
m_point_336= point
elif pointer ==337:
m_point_337= point
elif pointer ==338:
m_point_338= point
elif pointer ==339:
m_point_339= point
elif pointer ==340:
m_point_340= point
elif pointer ==341:
m_point_341= point
elif pointer ==342:
m_point_342= point
elif pointer ==343:
m_point_343= point
elif pointer ==344:
m_point_344= point
elif pointer ==345:
m_point_345= point
elif pointer ==346:
m_point_346= point
elif pointer ==347:
m_point_347= point
elif pointer ==348:
m_point_348= point
elif pointer ==349:
m_point_349= point
elif pointer ==350:
m_point_350= point
elif pointer ==351:
m_point_351= point
elif pointer ==352:
m_point_352= point
elif pointer ==353:
m_point_353= point
elif pointer ==354:
m_point_354= point
elif pointer ==355:
m_point_355= point
elif pointer ==356:
m_point_356= point
elif pointer ==357:
m_point_357= point
elif pointer ==358:
m_point_358= point
elif pointer ==359:
m_point_359= point
elif pointer ==360:
m_point_360= point
elif pointer ==361:
m_point_361= point
elif pointer ==362:
m_point_362= point
elif pointer ==363:
m_point_363= point
elif pointer ==364:
m_point_364= point
elif pointer ==365:
m_point_365= point
elif pointer ==366:
m_point_366= point
elif pointer ==367:
m_point_367= point
elif pointer ==368:

m_point_368= point
elif pointer ==369:
m_point_369= point
elif pointer ==370:
m_point_370= point
elif pointer ==371:
m_point_371= point
elif pointer ==372:
m_point_372= point
elif pointer ==373:
m_point_373= point
elif pointer ==374:
m_point_374= point
elif pointer ==375:
m_point_375= point
elif pointer ==376:
m_point_376= point
elif pointer ==377:
m_point_377= point
elif pointer ==378:
m_point_378= point
elif pointer ==379:
m_point_379= point
elif pointer ==380:
m_point_380= point
elif pointer ==381:
m_point_381= point
elif pointer ==382:
m_point_382= point
elif pointer ==383:
m_point_383= point
elif pointer ==384:
m_point_384= point
elif pointer ==385:
m_point_385= point
elif pointer ==386:
m_point_386= point
elif pointer ==387:
m_point_387= point
elif pointer ==388:
m_point_388= point
elif pointer ==389:
m_point_389= point
elif pointer ==390:
m_point_390= point
elif pointer ==391:
m_point_391= point
elif pointer ==392:
m_point_392= point
elif pointer ==393:
m_point_393= point
elif pointer ==394:
m_point_394= point
elif pointer ==395:
m_point_395= point
elif pointer ==396:
m_point_396= point
elif pointer ==397:
m_point_397= point
elif pointer ==398:
m_point_398= point
elif pointer ==399:
m_point_399= point
elif pointer ==400:
m_point_400= point
elif pointer ==401:
m_point_401= point
elif pointer ==402:
m_point_402= point
elif pointer ==403:

m_point_403= point
elif pointer ==404:
m_point_404= point
elif pointer ==405:
m_point_405= point
elif pointer ==406:
m_point_406= point
elif pointer ==407:
m_point_407= point
elif pointer ==408:
m_point_408= point
elif pointer ==409:
m_point_409= point
elif pointer ==410:
m_point_410= point
elif pointer ==411:
m_point_411= point
elif pointer ==412:
m_point_412= point
elif pointer ==413:
m_point_413= point
elif pointer ==414:
m_point_414= point
elif pointer ==415:
m_point_415= point
elif pointer ==416:
m_point_416= point
elif pointer ==417:
m_point_417= point
elif pointer ==418:
m_point_418= point
elif pointer ==419:
m_point_419= point
elif pointer ==420:
m_point_420= point
elif pointer ==421:
m_point_421= point
elif pointer ==422:
m_point_422= point
elif pointer ==423:
m_point_423= point
elif pointer ==424:
m_point_424= point
elif pointer ==425:
m_point_425= point
elif pointer ==426:
m_point_426= point
elif pointer ==427:
m_point_427= point
elif pointer ==428:
m_point_428= point
elif pointer ==429:
m_point_429= point
elif pointer ==430:
m_point_430= point
elif pointer ==431:
m_point_431= point
elif pointer ==432:
m_point_432= point
elif pointer ==433:
m_point_433= point
elif pointer ==434:
m_point_434= point
elif pointer ==435:
m_point_435= point
elif pointer ==436:
m_point_436= point
elif pointer ==437:
m_point_437= point
elif pointer ==438:

m_point_438= point
elif pointer ==439:
m_point_439= point
elif pointer ==440:
m_point_440= point
elif pointer ==441:
m_point_441= point
elif pointer ==442:
m_point_442= point
elif pointer ==443:
m_point_443= point
elif pointer ==444:
m_point_444= point
elif pointer ==445:
m_point_445= point
elif pointer ==446:
m_point_446= point
elif pointer ==447:
m_point_447= point
elif pointer ==448:
m_point_448= point
elif pointer ==449:
m_point_449= point
elif pointer ==450:
m_point_450= point
elif pointer ==451:
m_point_451= point
elif pointer ==452:
m_point_452= point
elif pointer ==453:
m_point_453= point
elif pointer ==454:
m_point_454= point
elif pointer ==455:
m_point_455= point
elif pointer ==456:
m_point_456= point
elif pointer ==457:
m_point_457= point
elif pointer ==458:
m_point_458= point
elif pointer ==459:
m_point_459= point
elif pointer ==460:
m_point_460= point
elif pointer ==461:
m_point_461= point
elif pointer ==462:
m_point_462= point
elif pointer ==463:
m_point_463= point
elif pointer ==464:
m_point_464= point
elif pointer ==465:
m_point_465= point
elif pointer ==466:
m_point_466= point
elif pointer ==467:
m_point_467= point
elif pointer ==468:
m_point_468= point
elif pointer ==469:
m_point_469= point
elif pointer ==470:
m_point_470= point
elif pointer ==471:
m_point_471= point
elif pointer ==472:
m_point_472= point
elif pointer ==473:

m_point_473= point
elif pointer ==474:
m_point_474= point
elif pointer ==475:
m_point_475= point
elif pointer ==476:
m_point_476= point
elif pointer ==477:
m_point_477= point
elif pointer ==478:
m_point_478= point
elif pointer ==479:
m_point_479= point
elif pointer ==480:
m_point_480= point
elif pointer ==481:
m_point_481= point
elif pointer ==482:
m_point_482= point
elif pointer ==483:
m_point_483= point
elif pointer ==484:
m_point_484= point
elif pointer ==485:
m_point_485= point
elif pointer ==486:
m_point_486= point
elif pointer ==487:
m_point_487= point
elif pointer ==488:
m_point_488= point
elif pointer ==489:
m_point_489= point
elif pointer ==490:
m_point_490= point
elif pointer ==491:
m_point_491= point
elif pointer ==492:
m_point_492= point
elif pointer ==493:
m_point_493= point
elif pointer ==494:
m_point_494= point
elif pointer ==495:
m_point_495= point
elif pointer ==496:
m_point_496= point
elif pointer ==497:
m_point_497= point
elif pointer ==498:
m_point_498= point
elif pointer ==499:
m_point_499= point
elif pointer ==500:
m_point_500= point
elif pointer ==501:
m_point_501= point
elif pointer ==502:
m_point_502= point
elif pointer ==503:
m_point_503= point
elif pointer ==504:
m_point_504= point
elif pointer ==505:
m_point_505= point
elif pointer ==506:
m_point_506= point
elif pointer ==507:
m_point_507= point
elif pointer ==508:

m_point_508= point
elif pointer ==509:
m_point_509= point
elif pointer ==510:
m_point_510= point
elif pointer ==511:
m_point_511= point
elif pointer ==512:
m_point_512= point
elif pointer ==513:
m_point_513= point
elif pointer ==514:
m_point_514= point
elif pointer ==515:
m_point_515= point
elif pointer ==516:
m_point_516= point
elif pointer ==517:
m_point_517= point
elif pointer ==518:
m_point_518= point
elif pointer ==519:
m_point_519= point
elif pointer ==520:
m_point_520= point
elif pointer ==521:
m_point_521= point
elif pointer ==522:
m_point_522= point
elif pointer ==523:
m_point_523= point
elif pointer ==524:
m_point_524= point
elif pointer ==525:
m_point_525= point
elif pointer ==526:
m_point_526= point
elif pointer ==527:
m_point_527= point
elif pointer ==528:
m_point_528= point
elif pointer ==529:
m_point_529= point
elif pointer ==530:
m_point_530= point
elif pointer ==531:
m_point_531= point
elif pointer ==532:
m_point_532= point
elif pointer ==533:
m_point_533= point
elif pointer ==534:
m_point_534= point
elif pointer ==535:
m_point_535= point
elif pointer ==536:
m_point_536= point
elif pointer ==537:
m_point_537= point
elif pointer ==538:
m_point_538= point
elif pointer ==539:
m_point_539= point
elif pointer ==540:
m_point_540= point
elif pointer ==541:
m_point_541= point
elif pointer ==542:
m_point_542= point
elif pointer ==543:

m_point_543= point
elif pointer ==544:
m_point_544= point
elif pointer ==545:
m_point_545= point
elif pointer ==546:
m_point_546= point
elif pointer ==547:
m_point_547= point
elif pointer ==548:
m_point_548= point
elif pointer ==549:
m_point_549= point
elif pointer ==550:
m_point_550= point
elif pointer ==551:
m_point_551= point
elif pointer ==552:
m_point_552= point
elif pointer ==553:
m_point_553= point
elif pointer ==554:
m_point_554= point
elif pointer ==555:
m_point_555= point
elif pointer ==556:
m_point_556= point
elif pointer ==557:
m_point_557= point
elif pointer ==558:
m_point_558= point
elif pointer ==559:
m_point_559= point
elif pointer ==560:
m_point_560= point
elif pointer ==561:
m_point_561= point
elif pointer ==562:
m_point_562= point
elif pointer ==563:
m_point_563= point
elif pointer ==564:
m_point_564= point
elif pointer ==565:
m_point_565= point
elif pointer ==566:
m_point_566= point
elif pointer ==567:
m_point_567= point
elif pointer ==568:
m_point_568= point
elif pointer ==569:
m_point_569= point
elif pointer ==570:
m_point_570= point
elif pointer ==571:
m_point_571= point
elif pointer ==572:
m_point_572= point
elif pointer ==573:
m_point_573= point
elif pointer ==574:
m_point_574= point
elif pointer ==575:
m_point_575= point
elif pointer ==576:
m_point_576= point
elif pointer ==577:
m_point_577= point
elif pointer ==578:

m_point_578= point
elif pointer ==579:
m_point_579= point
elif pointer ==580:
m_point_580= point
elif pointer ==581:
m_point_581= point
elif pointer ==582:
m_point_582= point
elif pointer ==583:
m_point_583= point
elif pointer ==584:
m_point_584= point
elif pointer ==585:
m_point_585= point
elif pointer ==586:
m_point_586= point
elif pointer ==587:
m_point_587= point
elif pointer ==588:
m_point_588= point
elif pointer ==589:
m_point_589= point
elif pointer ==590:
m_point_590= point
elif pointer ==591:
m_point_591= point
elif pointer ==592:
m_point_592= point
elif pointer ==593:
m_point_593= point
elif pointer ==594:
m_point_594= point
elif pointer ==595:
m_point_595= point
elif pointer ==596:
m_point_596= point
elif pointer ==597:
m_point_597= point
elif pointer ==598:
m_point_598= point
elif pointer ==599:
m_point_599= point
elif pointer ==600:
m_point_600= point
elif pointer ==601:
m_point_601= point
elif pointer ==602:
m_point_602= point
elif pointer ==603:
m_point_603= point
elif pointer ==604:
m_point_604= point
elif pointer ==605:
m_point_605= point
elif pointer ==606:
m_point_606= point
elif pointer ==607:
m_point_607= point
elif pointer ==608:
m_point_608= point
elif pointer ==609:
m_point_609= point
elif pointer ==610:
m_point_610= point
elif pointer ==611:
m_point_611= point
elif pointer ==612:
m_point_612= point
elif pointer ==613:

m_point_613= point
elif pointer ==614:
m_point_614= point
elif pointer ==615:
m_point_615= point
elif pointer ==616:
m_point_616= point
elif pointer ==617:
m_point_617= point
elif pointer ==618:
m_point_618= point
elif pointer ==619:
m_point_619= point
elif pointer ==620:
m_point_620= point
elif pointer ==621:
m_point_621= point
elif pointer ==622:
m_point_622= point
elif pointer ==623:
m_point_623= point
elif pointer ==624:
m_point_624= point
elif pointer ==625:
m_point_625= point
elif pointer ==626:
m_point_626= point
elif pointer ==627:
m_point_627= point
elif pointer ==628:
m_point_628= point
elif pointer ==629:
m_point_629= point
elif pointer ==630:
m_point_630= point
elif pointer ==631:
m_point_631= point
elif pointer ==632:
m_point_632= point
elif pointer ==633:
m_point_633= point
elif pointer ==634:
m_point_634= point
elif pointer ==635:
m_point_635= point
elif pointer ==636:
m_point_636= point
elif pointer ==637:
m_point_637= point
elif pointer ==638:
m_point_638= point
elif pointer ==639:
m_point_639= point
elif pointer ==640:
m_point_640= point
elif pointer ==641:
m_point_641= point
elif pointer ==642:
m_point_642= point
elif pointer ==643:
m_point_643= point
elif pointer ==644:
m_point_644= point
elif pointer ==645:
m_point_645= point
elif pointer ==646:
m_point_646= point
elif pointer ==647:
m_point_647= point
elif pointer ==648:

m_point_648= point
elif pointer ==649:
m_point_649= point
elif pointer ==650:
m_point_650= point
elif pointer ==651:
m_point_651= point
elif pointer ==652:
m_point_652= point
elif pointer ==653:
m_point_653= point
elif pointer ==654:
m_point_654= point
elif pointer ==655:
m_point_655= point
elif pointer ==656:
m_point_656= point
elif pointer ==657:
m_point_657= point
elif pointer ==658:
m_point_658= point
elif pointer ==659:
m_point_659= point
elif pointer ==660:
m_point_660= point
elif pointer ==661:
m_point_661= point
elif pointer ==662:
m_point_662= point
elif pointer ==663:
m_point_663= point
elif pointer ==664:
m_point_664= point
elif pointer ==665:
m_point_665= point
elif pointer ==666:
m_point_666= point
elif pointer ==667:
m_point_667= point
elif pointer ==668:
m_point_668= point
elif pointer ==669:
m_point_669= point
elif pointer ==670:
m_point_670= point
elif pointer ==671:
m_point_671= point
elif pointer ==672:
m_point_672= point
elif pointer ==673:
m_point_673= point
elif pointer ==674:
m_point_674= point
elif pointer ==675:
m_point_675= point
elif pointer ==676:
m_point_676= point
elif pointer ==677:
m_point_677= point
elif pointer ==678:
m_point_678= point
elif pointer ==679:
m_point_679= point
elif pointer ==680:
m_point_680= point
elif pointer ==681:
m_point_681= point
elif pointer ==682:
m_point_682= point
elif pointer ==683:

m_point_683= point
elif pointer ==684:
m_point_684= point
elif pointer ==685:
m_point_685= point
elif pointer ==686:
m_point_686= point
elif pointer ==687:
m_point_687= point
elif pointer ==688:
m_point_688= point
elif pointer ==689:
m_point_689= point
elif pointer ==690:
m_point_690= point
elif pointer ==691:
m_point_691= point
elif pointer ==692:
m_point_692= point
elif pointer ==693:
m_point_693= point
elif pointer ==694:
m_point_694= point
elif pointer ==695:
m_point_695= point
elif pointer ==696:
m_point_696= point
elif pointer ==697:
m_point_697= point
elif pointer ==698:
m_point_698= point
elif pointer ==699:
m_point_699= point
elif pointer ==700:
m_point_700= point
elif pointer ==701:
m_point_701= point
elif pointer ==702:
m_point_702= point
elif pointer ==703:
m_point_703= point
elif pointer ==704:
m_point_704= point
elif pointer ==705:
m_point_705= point
elif pointer ==706:
m_point_706= point
elif pointer ==707:
m_point_707= point
elif pointer ==708:
m_point_708= point
elif pointer ==709:
m_point_709= point
elif pointer ==710:
m_point_710= point
elif pointer ==711:
m_point_711= point
elif pointer ==712:
m_point_712= point
elif pointer ==713:
m_point_713= point
elif pointer ==714:
m_point_714= point
elif pointer ==715:
m_point_715= point
elif pointer ==716:
m_point_716= point
elif pointer ==717:
m_point_717= point
elif pointer ==718:

m_point_718= point
elif pointer ==719:
m_point_719= point
elif pointer ==720:
m_point_720= point
elif pointer ==721:
m_point_721= point
elif pointer ==722:
m_point_722= point
elif pointer ==723:
m_point_723= point
elif pointer ==724:
m_point_724= point
elif pointer ==725:
m_point_725= point
elif pointer ==726:
m_point_726= point
elif pointer ==727:
m_point_727= point
elif pointer ==728:
m_point_728= point
elif pointer ==729:
m_point_729= point
elif pointer ==730:
m_point_730= point
elif pointer ==731:
m_point_731= point
elif pointer ==732:
m_point_732= point
elif pointer ==733:
m_point_733= point
elif pointer ==734:
m_point_734= point
elif pointer ==735:
m_point_735= point
elif pointer ==736:
m_point_736= point
elif pointer ==737:
m_point_737= point
elif pointer ==738:
m_point_738= point
elif pointer ==739:
m_point_739= point
elif pointer ==740:
m_point_740= point
elif pointer ==741:
m_point_741= point
elif pointer ==742:
m_point_742= point
elif pointer ==743:
m_point_743= point
elif pointer ==744:
m_point_744= point
elif pointer ==745:
m_point_745= point
elif pointer ==746:
m_point_746= point
elif pointer ==747:
m_point_747= point
elif pointer ==748:
m_point_748= point
elif pointer ==749:
m_point_749= point
elif pointer ==750:
m_point_750= point
elif pointer ==751:
m_point_751= point
elif pointer ==752:
m_point_752= point
elif pointer ==753:

m_point_753= point
elif pointer ==754:
m_point_754= point
elif pointer ==755:
m_point_755= point
elif pointer ==756:
m_point_756= point
elif pointer ==757:
m_point_757= point
elif pointer ==758:
m_point_758= point
elif pointer ==759:
m_point_759= point
elif pointer ==760:
m_point_760= point
elif pointer ==761:
m_point_761= point
elif pointer ==762:
m_point_762= point
elif pointer ==763:
m_point_763= point
elif pointer ==764:
m_point_764= point
elif pointer ==765:
m_point_765= point
elif pointer ==766:
m_point_766= point
elif pointer ==767:
m_point_767= point
elif pointer ==768:
m_point_768= point
elif pointer ==769:
m_point_769= point
elif pointer ==770:
m_point_770= point
elif pointer ==771:
m_point_771= point
elif pointer ==772:
m_point_772= point
elif pointer ==773:
m_point_773= point
elif pointer ==774:
m_point_774= point
elif pointer ==775:
m_point_775= point
elif pointer ==776:
m_point_776= point
elif pointer ==777:
m_point_777= point
elif pointer ==778:
m_point_778= point
elif pointer ==779:
m_point_779= point
elif pointer ==780:
m_point_780= point
elif pointer ==781:
m_point_781= point
elif pointer ==782:
m_point_782= point
elif pointer ==783:
m_point_783= point
elif pointer ==784:
m_point_784= point
elif pointer ==785:
m_point_785= point
elif pointer ==786:
m_point_786= point
elif pointer ==787:
m_point_787= point
elif pointer ==788:

m_point_788= point
elif pointer ==789:
m_point_789= point
elif pointer ==790:
m_point_790= point
elif pointer ==791:
m_point_791= point
elif pointer ==792:
m_point_792= point
elif pointer ==793:
m_point_793= point
elif pointer ==794:
m_point_794= point
elif pointer ==795:
m_point_795= point
elif pointer ==796:
m_point_796= point
elif pointer ==797:
m_point_797= point
elif pointer ==798:
m_point_798= point
elif pointer ==799:
m_point_799= point
elif pointer ==800:
m_point_800= point
elif pointer ==801:
m_point_801= point
elif pointer ==802:
m_point_802= point
elif pointer ==803:
m_point_803= point
elif pointer ==804:
m_point_804= point
elif pointer ==805:
m_point_805= point
elif pointer ==806:
m_point_806= point
elif pointer ==807:
m_point_807= point
elif pointer ==808:
m_point_808= point
elif pointer ==809:
m_point_809= point
elif pointer ==810:
m_point_810= point
elif pointer ==811:
m_point_811= point
elif pointer ==812:
m_point_812= point
elif pointer ==813:
m_point_813= point
elif pointer ==814:
m_point_814= point
elif pointer ==815:
m_point_815= point
elif pointer ==816:
m_point_816= point
elif pointer ==817:
m_point_817= point
elif pointer ==818:
m_point_818= point
elif pointer ==819:
m_point_819= point
elif pointer ==820:
m_point_820= point
elif pointer ==821:
m_point_821= point
elif pointer ==822:
m_point_822= point
elif pointer ==823:

m_point_823= point
elif pointer ==824:
m_point_824= point
elif pointer ==825:
m_point_825= point
elif pointer ==826:
m_point_826= point
elif pointer ==827:
m_point_827= point
elif pointer ==828:
m_point_828= point
elif pointer ==829:
m_point_829= point
elif pointer ==830:
m_point_830= point
elif pointer ==831:
m_point_831= point
elif pointer ==832:
m_point_832= point
elif pointer ==833:
m_point_833= point
elif pointer ==834:
m_point_834= point
elif pointer ==835:
m_point_835= point
elif pointer ==836:
m_point_836= point
elif pointer ==837:
m_point_837= point
elif pointer ==838:
m_point_838= point
elif pointer ==839:
m_point_839= point
elif pointer ==840:
m_point_840= point
elif pointer ==841:
m_point_841= point
elif pointer ==842:
m_point_842= point
elif pointer ==843:
m_point_843= point
elif pointer ==844:
m_point_844= point
elif pointer ==845:
m_point_845= point
elif pointer ==846:
m_point_846= point
elif pointer ==847:
m_point_847= point
elif pointer ==848:
m_point_848= point
elif pointer ==849:
m_point_849= point
elif pointer ==850:
m_point_850= point
elif pointer ==851:
m_point_851= point
elif pointer ==852:
m_point_852= point
elif pointer ==853:
m_point_853= point
elif pointer ==854:
m_point_854= point
elif pointer ==855:
m_point_855= point
elif pointer ==856:
m_point_856= point
elif pointer ==857:
m_point_857= point
elif pointer ==858:

m_point_858= point
elif pointer ==859:
m_point_859= point
elif pointer ==860:
m_point_860= point
elif pointer ==861:
m_point_861= point
elif pointer ==862:
m_point_862= point
elif pointer ==863:
m_point_863= point
elif pointer ==864:
m_point_864= point
elif pointer ==865:
m_point_865= point
elif pointer ==866:
m_point_866= point
elif pointer ==867:
m_point_867= point
elif pointer ==868:
m_point_868= point
elif pointer ==869:
m_point_869= point
elif pointer ==870:
m_point_870= point
elif pointer ==871:
m_point_871= point
elif pointer ==872:
m_point_872= point
elif pointer ==873:
m_point_873= point
elif pointer ==874:
m_point_874= point
elif pointer ==875:
m_point_875= point
elif pointer ==876:
m_point_876= point
elif pointer ==877:
m_point_877= point
elif pointer ==878:
m_point_878= point
elif pointer ==879:
m_point_879= point
elif pointer ==880:
m_point_880= point
elif pointer ==881:
m_point_881= point
elif pointer ==882:
m_point_882= point
elif pointer ==883:
m_point_883= point
elif pointer ==884:
m_point_884= point
elif pointer ==885:
m_point_885= point
elif pointer ==886:
m_point_886= point
elif pointer ==887:
m_point_887= point
elif pointer ==888:
m_point_888= point
elif pointer ==889:
m_point_889= point
elif pointer ==890:
m_point_890= point
elif pointer ==891:
m_point_891= point
elif pointer ==892:
m_point_892= point
elif pointer ==893:

m_point_893= point
elif pointer ==894:
m_point_894= point
elif pointer ==895:
m_point_895= point
elif pointer ==896:
m_point_896= point
elif pointer ==897:
m_point_897= point
elif pointer ==898:
m_point_898= point
elif pointer ==899:
m_point_899= point
elif pointer ==900:
m_point_900= point
elif pointer ==901:
m_point_901= point
elif pointer ==902:
m_point_902= point
elif pointer ==903:
m_point_903= point
elif pointer ==904:
m_point_904= point
elif pointer ==905:
m_point_905= point
elif pointer ==906:
m_point_906= point
elif pointer ==907:
m_point_907= point
elif pointer ==908:
m_point_908= point
elif pointer ==909:
m_point_909= point
elif pointer ==910:
m_point_910= point
elif pointer ==911:
m_point_911= point
elif pointer ==912:
m_point_912= point
elif pointer ==913:
m_point_913= point
elif pointer ==914:
m_point_914= point
elif pointer ==915:
m_point_915= point
elif pointer ==916:
m_point_916= point
elif pointer ==917:
m_point_917= point
elif pointer ==918:
m_point_918= point
elif pointer ==919:
m_point_919= point
elif pointer ==920:
m_point_920= point
elif pointer ==921:
m_point_921= point
elif pointer ==922:
m_point_922= point
elif pointer ==923:
m_point_923= point
elif pointer ==924:
m_point_924= point
elif pointer ==925:
m_point_925= point
elif pointer ==926:
m_point_926= point
elif pointer ==927:
m_point_927= point
elif pointer ==928:

m_point_928= point
elif pointer ==929:
m_point_929= point
elif pointer ==930:
m_point_930= point
elif pointer ==931:
m_point_931= point
elif pointer ==932:
m_point_932= point
elif pointer ==933:
m_point_933= point
elif pointer ==934:
m_point_934= point
elif pointer ==935:
m_point_935= point
elif pointer ==936:
m_point_936= point
elif pointer ==937:
m_point_937= point
elif pointer ==938:
m_point_938= point
elif pointer ==939:
m_point_939= point
elif pointer ==940:
m_point_940= point
elif pointer ==941:
m_point_941= point
elif pointer ==942:
m_point_942= point
elif pointer ==943:
m_point_943= point
elif pointer ==944:
m_point_944= point
elif pointer ==945:
m_point_945= point
elif pointer ==946:
m_point_946= point
elif pointer ==947:
m_point_947= point
elif pointer ==948:
m_point_948= point
elif pointer ==949:
m_point_949= point
elif pointer ==950:
m_point_950= point
elif pointer ==951:
m_point_951= point
elif pointer ==952:
m_point_952= point
elif pointer ==953:
m_point_953= point
elif pointer ==954:
m_point_954= point
elif pointer ==955:
m_point_955= point
elif pointer ==956:
m_point_956= point
elif pointer ==957:
m_point_957= point
elif pointer ==958:
m_point_958= point
elif pointer ==959:
m_point_959= point
elif pointer ==960:
m_point_960= point
elif pointer ==961:
m_point_961= point
elif pointer ==962:
m_point_962= point
elif pointer ==963:

m_point_963= point
elif pointer ==964:
m_point_964= point
elif pointer ==965:
m_point_965= point
elif pointer ==966:
m_point_966= point
elif pointer ==967:
m_point_967= point
elif pointer ==968:
m_point_968= point
elif pointer ==969:
m_point_969= point
elif pointer ==970:
m_point_970= point
elif pointer ==971:
m_point_971= point
elif pointer ==972:
m_point_972= point
elif pointer ==973:
m_point_973= point
elif pointer ==974:
m_point_974= point
elif pointer ==975:
m_point_975= point
elif pointer ==976:
m_point_976= point
elif pointer ==977:
m_point_977= point
elif pointer ==978:
m_point_978= point
elif pointer ==979:
m_point_979= point
elif pointer ==980:
m_point_980= point
elif pointer ==981:
m_point_981= point
elif pointer ==982:
m_point_982= point
elif pointer ==983:
m_point_983= point
elif pointer ==984:
m_point_984= point
elif pointer ==985:
m_point_985= point
elif pointer ==986:
m_point_986= point
elif pointer ==987:
m_point_987= point
elif pointer ==988:
m_point_988= point
elif pointer ==989:
m_point_989= point
elif pointer ==990:
m_point_990= point
elif pointer ==991:
m_point_991= point
elif pointer ==992:
m_point_992= point
elif pointer ==993:
m_point_993= point
elif pointer ==994:
m_point_994= point
elif pointer ==995:
m_point_995= point
elif pointer ==996:
m_point_996= point
elif pointer ==997:
m_point_997= point
elif pointer ==998:


```

m_point_998= point
elif pointer ==999:
m_point_999= point
else:

end
end
while (True):
$ 8 "Robot Program"
$ 9 "Loop socket ≙ False"
while (socket == False):
$ 10 "socket:=socket_open('192.168.80.10', 888)"
global socket=socket_open("192.168.80.10", 888)
$ 11 "Wait: 1.0"
sleep(1.0)
end
$ 12 "data:=socket_read_ascii_float(8)"
global data=socket_read_ascii_float(8)
$ 13 "If data[0] ≠ 0"
if (data[0] != 0):
$ 14 "Switch data[1]"
switch_1 = data[1]
if (0 == switch_1):
$ 16 "movep(p[data[2],data[3],data[4],data[5],data[6],data[7]], a=0.2, v=data[8], r=0)"
movep(p[data[2],data[3],data[4],data[5],data[6],data[7]], a=0.2, v=data[8], r=0)
elif (1 == switch_1):
$ 18 "If data[2] ≙ 0"
if (data[2] == 0):
$ 19 "set_standard_digital_out(0, False )"
set_standard_digital_out(0, False )
else:
$ 20 "Else"
$ 21 "set_standard_digital_out(0, True )"
set_standard_digital_out(0, True )
end
elif (2 == switch_1):
$ 23 "set_standard_analog_out(0, data[2])"
set_standard_analog_out(0, data[2])
elif (3 == switch_1):
$ 25 "stopl(0.2)"
stopl(0.2)
elif (4 == switch_1):
$ 27 "movel(p[data[2],data[3],data[4],data[5],data[6],data[7]], a=0.2, v=data[8], t=0, r=0)"
movel(p[data[2],data[3],data[4],data[5],data[6],data[7]], a=0.2, v=data[8], t=0, r=0)
elif (5 == switch_1):
$ 29 "set_point(counter, p[data[2], data[3], data[4], data[5], data[6], data[7]])"
set_point(counter, p[data[2], data[3], data[4], data[5], data[6], data[7]])
$ 30 "counter = counter + 1"
counter = counter + 1
elif (6 == switch_1):
$ 32 "Loop loop_counter<counter"
while (loop_counter<counter):
$ 33 "point:=get_point(loop_counter)"
global point=get_point(loop_counter)
$ 34 "loop_counter:=loop_counter + 1"
global loop_counter=loop_counter + 1
$ 35 "movep(point, a=0.2, v=speed, r=0.001)"
movep(point, a=0.2, v=speed, r=0.001)
end
$ 36 "stopl(0.5)"
stopl(0.5)
$ 37 "counter=0"
counter=0
$ 38 "loop_counter=0"
loop_counter=0
elif (7 == switch_1):
$ 40 "speed:=data[2]"
global speed=data[2]
elif (8 == switch_1):
$ 42 "Loop loop_counter<counter"

```

```
while (loop_counter<counter):
  $ 43 "point:=get_point(loop_counter)"
  global point:=get_point(loop_counter)
  $ 44 "loop_counter:=loop_counter + 1"
  global loop_counter:=loop_counter + 1
  $ 45 "movel(point, a=0.2, v=speed, r=0.001)"
  movel(point, a=0.2, v=speed, r=0.001)
end
$ 46 "stopl(1)"
stopl(1)
$ 47 "counter=0"
counter=0
$ 48 "loop_counter=0"
loop_counter=0
end
$ 49 "socket_send_string('command_finished')"
socket_send_string("command_finished")
end
$ 50 "Wait: 0.001"
sleep(0.001)
end
end
```