

Output ::

Objective: 2790

Route:

0 -> 1 -> 279 -> 2 -> 278 -> 277 -> 248 -> 247 -> 243 -> 242 -> 241 -> 240 -> 239 -> 238 -> 245 -> 244 -> 246 -> 249 -> 250 -> 229 -> 228 -> 231 -> 230 -> 237 -> 236 -> 235 -> 234 -> 233 -> 232 -> 227 -> 226 -> 225 -> 224 -> 223 -> 222 -> 218 -> 221 -> 220 -> 219 -> 202 -> 203 -> 204 -> 205 -> 207 -> 206 -> 211 -> 212 -> 215 -> 216 -> 217 -> 214 -> 213 -> 210 -> 209 -> 208 -> 251 -> 254 -> 255 -> 257 -> 256 -> 253 -> 252 -> 139 -> 140 -> 141 -> 142 -> 143 -> 199 -> 201 -> 200 -> 195 -> 194 -> 193 -> 191 -> 190 -> 189 -> 188 -> 187 -> 163 -> 164 -> 165 -> 166 -> 167 -> 168 -> 169 -> 171 -> 170 -> 172 -> 105 -> 106 -> 104 -> 103 -> 107 -> 109 -> 110 -> 113 -> 114 -> 116 -> 117 -> 61 -> 62 -> 63 -> 65 -> 64 -> 84 -> 85 -> 115 -> 112 -> 86 -> 83 -> 82 -> 87 -> 111 -> 108 -> 89 -> 90 -> 91 -> 102 -> 101 -> 100 -> 99 -> 98 -> 97 -> 96 -> 95 -> 94 -> 93 -> 92 -> 79 -> 88 -> 81 -> 80 -> 78 -> 77 -> 76 -> 74 -> 75 -> 73 -> 72 -> 71 -> 70 -> 69 -> 66 -> 68 -> 67 -> 57 -> 56 -> 55 -> 54 -> 53 -> 52 -> 51 -> 50 -> 49 -> 48 -> 47 -> 46 -> 45 -> 44 -> 43 -> 58 -> 60 -> 59 -> 42 -> 41 -> 40 -> 39 -> 38 -> 37 -> 36 -> 35 -> 34 -> 33 -> 32 -> 31 -> 30 -> 29 -> 124 -> 123 -> 122 -> 121 -> 120 -> 119 -> 118 -> 156 -> 157 -> 158 -> 173 -> 162 -> 161 -> 160 -> 174 -> 159 -> 150 -> 151 -> 155 -> 152 -> 154 -> 153 -> 128 -> 129 -> 130 -> 131 -> 18 -> 19 -> 20 -> 127 -> 126 -> 125 -> 28 -> 27 -> 26 -> 25 -> 21 -> 24 -> 22 -> 23 -> 13 -> 12 -> 14 -> 11 -> 10 -> 9 -> 7 -> 8 -> 6 -> 5 -> 275 -> 274 -> 273 -> 272 -> 271 -> 270 -> 15 -> 16 -> 17 -> 132 -> 149 -> 177 -> 176 -> 175 -> 178 -> 179 -> 180 -> 181 -> 182 -> 183 -> 184 -> 186 -> 185 -> 192 -> 196 -> 197 -> 198 -> 144 -> 145 -> 146 -> 147 -> 148 -> 138 -> 137 -> 136 -> 135 -> 134 -> 133 -> 269 -> 268 -> 267 -> 266 -> 265 -> 264 -> 263 -> 262 -> 261 -> 260 -> 258 -> 259 -> 276 -> 3 -> 4 -> 0

```
if __name__ == '__main__':  
    main()  
    search_parameters = pywrapcp.DefaultRoutingSearchParameters()  
    search_parameters.local_search_metaheuristic = (  
        routing_enums_pb2.LocalSearchMetaheuristic.GUIDED_LOCAL_SEARCH)  
    search_parameters.time_limit.seconds = 30  
    search_parameters.log_search = True
```

Objective: 2790

Route:

0 -> 1 -> 279 -> 2 -> 278 -> 277 -> 248 -> 247 -> 243 -> 242 -> 241 -> 240 -> 239 -> 238 -> 245 -> 244 -> 246 -> 249 -> 250 -> 229 -> 228

