```
exe" "D:\Python\Pycharm\setroute\PyCharm Community Edition 2021.2.3\plugins\python-ce\helpers\pydev\pydevconsole.py" --mode=client --port=4230
3
   import sys; print('Python %s on %s' % (sys.version, sys.platform))
   01_My_Python_Code'])
6
   PyDev console: starting.
   Python 3.9.7 (tags/v3.9.7:1016ef3, Aug 30 2021, 20:19:38) [MSC v.1929 64 bit (AMD64)] on win32
8
   code/01 My Python Code')
  Backend TkAgg is interactive backend. Turning interactive mode on.
12
13
   This is the R_5_4 _standard_test.xlsx optimization results solved by Gurobi
15
   Set parameter TimeLimit to value 1200
   Set parameter MIPGap to value 0.005
16
17
18
19
20
  Problem status = 2, is Optimal
21
   Problem has 2 objectives
   Gurobi found 7 solutions
23
24
     Solution 0:
25
       Obj 0 = 3.0
26
       Obi 1 = 1.0
27
     Solution 1:
28
       Obj 0 = 3.0
29
       Obj 1 = 2.0
30
     Solution 2:
31
       Obj 0 = 4.0
       Obj 1 = 3.0
32
33
     Solution 3:
       Obj 0 = 5.0
34
       Obj 1 = 3.0
35
36
     Solution 4:
37
       Obj 0 = 6.0
       Obj 1 = 6.0
38
39
     Solution 5:
40
       Obj 0 = 16.0
41
       Obj 1 = 16.0
42
     Solution 6:
43
       Obj 0 = 19.0
       Obj 1 = 16.0
44
45
46
48
   Final solution:
49
     Obj0 = 2.0
50
     Obj1 = 1.0
51
     Total movement of crane: 0.0
52
     Total duration time in berth position: 12.0
53
     Total index of q during berthing: 314.0
54
55
     Specific arrangement:
56
       V_id: 0 li: 3.0 xi: 1.5 bow of i: 0.0 tail of i: 3.0 gama_i0: -0.0 gama_i1: 3.0 duration_time_i: 3.0 demand_i: 140 work load_i: 140.0
57
       V_id: 1 li: 5.0 xi: 8.6 bow of i: 6.1 tail of i: 11.1 gama_i0: -0.0 gama_i1: 1.0 duration_time_i: 1.0 demand_i: 80 work load_i: 80.0
58
       Vid: 2 li: 6.0 xi: 20.4 bow of i: 17.4 tail of i: 23.4 gama i0: -0.0 gama i1: 3.0 duration time i: 3.0 demand i: 160 work load i: 160.0
59
       V_id: 3 li: 5.0 xi: 7.5 bow of i: 5.0 tail of i: 10.0 gama_ii: 1.0 gama_i1: 3.0 duration_time_i: 2.0 demand_i: 100 work load_i: 100.0
       V_id: 4 li: 5.0 xi: 13.8 bow of i: 11.3 tail of i: 16.3 gama_i0: -0.0 gama_i1: 3.0 duration_time_i: 3.0 demand_i: 100 work load_i: 100.0
60
   Finished and CPU Time: 177.000000
63
64
65
66
67
```