```
exe" "D:\Python\Pycharm\setroute\PyCharm Community Edition 2021.2.3\plugins\python-ce\helpers\pydev\pydevconsole.py" --mode=client --port=10965
 2
3
   import sys; print('Python %s on %s' % (sys.version, sys.platform))
   01_My_Python_Code'])
 5
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_7_2 _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
23
   Gurobi found 9 solutions
24
     Solution 0:
25
        Obj 0 = 3.0
26
       Obi 1 = 3.0
27
     Solution 1:
28
        Obj 0 = 3.0
29
        Obj 1 = 4.0
30
     Solution 2:
       Obj 0 = 4.0
31
        Obj 1 = 6.0
32
33
     Solution 3:
       Obj 0 = 5.0
34
       Obj 1 = 7.0
35
36
     Solution 4:
37
       Obj 0 = 6.0
       Obj 1 = 9.0
38
39
     Solution 5:
       Obj 0 = 9.0
40
41
       Obj 1 = 22.0
42
     Solution 6:
43
        Obj 0 = 11.0
       Obj 1 = 20.0
44
45
     Solution 7:
        Obj 0 = 21.0
46
        Obj 1 = 28.0
47
48
     Solution 8:
49
       Obj 0 = 30.0
50
        Obj 1 = 42.0
51
52
53
54
   Final solution:
55
     Obj0 = 2.0
     Obj1 = 3.0
56
57
     Total movement of crane: 0.0
58
     Total duration time in berth position: 13.0
59
     Total index of q during berthing: 424.0
60
61
     Specific arrangement:
       V id: 0 li: 4.0 xi: 11.0 bow of i: 9.0 tail of i: 13.0 gama i0: 0.0 gama i1: 3.0 duration time i: 3.0 demand i: 100 work load i: 100.0
62
63
       V_id: 1 li: 3.0 xi: 7.5 bow of i: 6.0 tail of i: 9.0 gama_i0: 1.0 gama_i1: 3.0 duration_time_i: 2.0 demand_i: 80 work load_i: 80.0
       V_id: 2 li: 9.0 xi: 17.5 bow of i: 13.0 tail of i: 22.0 gama_i0: -0.0 gama_i1: 1.0 duration_time_i: 1.0 demand_i: 140 work load_i: 140.0
64
65
       V_id: 3 li: 4.0 xi: 2.0 bow of i: 0.0 tail of i: 4.0 gama_i0: 0.0 gama_i1: 2.0 duration_time_i: 2.0 demand_i: 140 work load_i: 140.0
       Vid: 4 li: 5.0 xi: 6.5 bow of i: 4.0 tail of i: 9.0 gama ii: 0.0 gama ii: 1.0 duration time i: 1.0 demand i: 80 work load i: 80.0
66
       V_id: 5 li: 7.0 xi: 20.9 bow of i: 17.4 tail of i: 24.4 gama_i0: 1.0 gama_i1: 3.0 duration_time_i: 2.0 demand_i: 120 work load_i: 120.0
67
68
       V_id: 6 li: 4.0 xi: 15.0 bow of i: 13.0 tail of i: 17.0 gama_i0: 1.0 gama_i1: 3.0 duration_time_i: 2.0 demand_i: 60 work load_i: 60.0
69
70
   Finished and CPU Time: 1184.000000
71
73
74
75
```