```
exe" "D:\Python\Pycharm\setroute\PyCharm Community Edition 2021.2.3\plugins\python-ce\helpers\pydev\pydevconsole.py" --mode=client --port=46058
 2
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_7_3 _standerd_test.xlsx optimization results solved by Gurobi
14
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 7 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:
31
        Obj 0 = 4.0
        Obj 1 = 6.0
32
33
     Solution 3:
        Obj 0 = 5.0
34
        Obj 1 = 9.0
35
36
     Solution 4:
37
        Obj 0 = 6.0
        Obj 1 = 11.0
38
39
     Solution 5:
40
        Obj 0 = 10.0
41
        Obj 1 = 20.0
42
     Solution 6:
43
        Obj 0 = 36.0
        Obj 1 = 66.0
44
45
46
47
48
   Final solution:
49
     Obj0 = 2.0
     Obj1 = 3.0
50
51
     Total movement of crane: 0.0
52
     Total duration time in berth position: 13.0
     Total index of q during berthing: 394.0
53
54
55
     Specific arrangement:
        V_id: 0 li: 3.0 xi: 4.6 bow of i: 3.1 tail of i: 6.1 gama_i0: -0.0 gama_i1: 3.0 duration_time_i: 3.0 demand_i: 100 work load_i: 100.0
56
       V_id: 1 li: 6.0 xi: 18.7 bow of i: 15.7 tail of i: 21.7 gama_i0: 1.0 gama_i1: 3.0 duration_time_i: 2.0 demand_i: 100 work load_i: 100.0 V_id: 2 li: 8.0 xi: 21.4 bow of i: 17.4 tail of i: 25.4 gama_i0: -0.0 gama_i1: 1.0 duration_time_i: 1.0 demand_i: 60 work load_i: 60.0
57
58
59
       V_id: 3 li: 5.0 xi: 8.6 bow of i: 6.1 tail of i: 11.1 gama_i0: -0.0 gama_i1: 2.0 duration_time_i: 2.0 demand_i: 160 work load_i: 160.0
60
       V_id: 4 li: 9.0 xi: 10.6 bow of i: 6.1 tail of i: 15.1 gama_i0: 2.0 gama_i1: 3.0 duration_time_i: 1.0 demand_i: 160 work load_i: 160.0
61
       V_id: 5 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: 120 work load_i: 120.0
       Vid: 6 li: 6.0 xi: 14.3 bow of i: 11.3 tail of i: 17.3 gama i0: -0.0 gama i1: 1.0 duration time i: 1.0 demand i: 80 work load i: 80.0
62
63
64
65
   Finished and CPU Time: 701.000000
66
67
68
69
```