```
exe" "D:\Python\Pycharm\setroute\PyCharm Community Edition 2021.2.3\plugins\python-ce\helpers\pydev\pydevconsole.py" --mode=client --port=16684
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_5_10 _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 8 solutions
24
     Solution 0:
25
        Obj 0 = 4.0
26
        Obi 1 = 1.0
27
     Solution 1:
28
        Obj 0 = 4.0
        Obj 1 = 2.0
29
30
     Solution 2:
       Obj 0 = 5.0
Obj 1 = 2.0
31
32
33
     Solution 3:
        Obj 0 = 6.0
34
        Obj 1 = 6.0
35
36
     Solution 4:
37
        Obj 0 = 10.0
        Obj 1 = 9.0
38
39
     Solution 5:
        Obj 0 = 12.0
40
41
        Obj 1 = 17.0
42
     Solution 6:
43
        Obj 0 = 13.0
        Obj 1 = 17.0
44
45
     Solution 7:
        Obj 0 = 36.0
46
        Obj 1 = 101.47826086956593
47
48
49
50
51
   Final solution:
52
     Obi0 = 3.0
     Obj1 = 1.0
53
54
     Total movement of crane: 0.0
55
     Total duration time in berth position: 15.0
56
     Total index of q during berthing: 364.0
57
58
     Specific arrangement:
59
       V_id: 0 li: 9.0 xi: 19.4 bow of i: 14.9 tail of i: 23.9 gama_i0: -0.0 gama_i1: 1.0 duration_time_i: 1.0 demand_i: 100 work load_i: 100.0
       V_id: 1 li: 5.0 xi: 16.5 bow of i: 14.0 tail of i: 19.0 gama_i0: 1.0 gama_i1: 4.0 duration_time_i: 3.0 demand_i: 60 work load_i: 60.0
60
61
       V_id: 2 li: 5.0 xi: 11.5 bow of i: 9.0 tail of i: 14.0 gama_i0: -0.0 gama_i1: 4.0 duration_time_i: 4.0 demand_i: 240 work load_i: 240.0
       V_id: 3 li: 5.0 xi: 6.5 bow of i: 4.0 tail of i: 9.0 gama_i0: 0.0 gama_i1: 4.0 duration_time_i: 4.0 demand_i: 220 work load_i: 220.0 V_id: 4 li: 4.0 xi: 2.0 bow of i: 0.0 tail of i: 4.0 gama_i0: 0.0 gama_i1: 3.0 duration_time_i: 3.0 demand_i: 60 work load_i: 60.0
62
63
64
   Finished and CPU Time: 609.000000
66
67
68
69
70
```