```
exe" "D:\Python\Pycharm\setroute\PyCharm Community Edition 2021.2.3\plugins\python-ce\helpers\pydev\pydevconsole.py" --mode=client --port=3996
 2
3
   import sys; print('Python %s on %s' % (sys.version, sys.platform))
   01_My_Python_Code'])
6
   PyDev console: starting.
8
   Python 3.9.7 (tags/v3.9.7:1016ef3, Aug 30 2021, 20:19:38) [MSC v.1929 64 bit (AMD64)] on win32
   code/01 My Python Code')
  Backend TkAgg is interactive backend. Turning interactive mode on.
12
13
   This is the R_5_2 _standard_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 6 solutions
24
     Solution 0:
25
       Obj 0 = 3.0
26
       Obi 1 = 2.0
27
     Solution 1:
28
       Obj 0 = 5.0
29
       Obj 1 = 7.0
30
     Solution 2:
       Obj 0 = 7.0
Obj 1 = 11.0
31
32
33
     Solution 3:
       Obj 0 = 34.0
34
       Obj 1 = 129.0
35
36
     Solution 4:
37
       Obj 0 = 35.0
       Obj 1 = 37.0
38
39
     Solution 5:
40
       Obj 0 = 36.0
41
       Obj 1 = 56.39130434782601
42
43
44
45
   Final solution:
46
     Obj0 = 2.0
     Obj1 = 2.0
47
48
     Total movement of crane: 0.0
     Total duration time in berth position: 9.0
49
50
     Total index of q during berthing: 301.0
51
52
     Specific arrangement:
53
       V_id: 0 li: 9.0 xi: 8.5 bow of i: 4.0 tail of i: 13.0 gama_i0: -0.0 gama_i1: 1.0 duration_time_i: 1.0 demand_i: 100 work load_i: 100.0
54
       V_id: 1 li: 5.0 xi: 6.5 bow of i: 4.0 tail of i: 9.0 gama_i0: 1.0 gama_i1: 2.0 duration_time_i: 1.0 demand_i: 80 work load_i: 80.0
       V id: 2 li: 7.0 xi: 12.5 bow of i: 9.0 tail of i: 16.0 gama_i0: 1.0 gama_i1: 3.0 duration_time_i: 2.0 demand_i: 160 work load_i: 160.0
55
       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: 160 work load_i: 160.0
56
       V_id: 4 li: 9.0 xi: 20.5 bow of i: 16.0 tail of i: 25.0 gama_i0: -0.0 gama_i1: 3.0 duration_time_i: 3.0 demand_i: 120 work load_i: 120.0
57
59
60
   Finished and CPU Time: 238.000000
62
63
64
```