```
exe" "D:\Python\Pycharm\setroute\PyCharm Community Edition 2021.2.3\plugins\python-ce\helpers\pydev\pydevconsole.py" --mode=client --port=5361
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_7 _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 = 9, is NOT Optimal
21
   Problem has 2 objectives
23
   Gurobi found 5 solutions
24
     Solution 0:
25
       Obj 0 = 11.0
26
       Obi 1 = 22.0
27
     Solution 1:
28
       Obj 0 = 12.0
       Obj 1 = 25.0
29
30
     Solution 2:
       Obj 0 = 14.0
Obj 1 = 30.0
31
32
33
     Solution 3:
       Obj 0 = 18.0
34
       Obj 1 = 36.0
35
36
     Solution 4:
37
       Obj 0 = 27.0
       Obi 1 = 43.0
38
39
40
41
42
  Final solution:
     Obj0 = 10.0

Obj1 = 22.0
43
44
45
     Total movement of crane: 0.0
46
     Total duration time in berth position: 24.0
47
     Total index of q during berthing: 505.0
48
49
     Specific arrangement:
50
       V_id: 0 li: 6.0 xi: 20.3 bow of i: 17.3 tail of i: 23.3 gama_i0: 4.0 gama_i1: 11.0 duration_time_i: 7.0 demand_i: 140 work load_i: 140.0
       V id: 1 li: 6.0 xi: 3.0 bow of i: 0.0 tail of i: 6.0 gama i0: -0.0 gama i1: 1.0 duration time i: 1.0 demand i: 80 work load i: 80.0
51
       V id: 2 li: 5.0 xi: 15.7 bow of i: 13.2 tail of i: 18.2 gama i0: -0.0 gama i1: 4.0 duration time i: 4.0 demand i: 140 work load i: 140.0
52
53
       V_id: 3 li: 7.0 xi: 8.5 bow of i: 5.0 tail of i: 12.0 gama_ii: 1.0 gama_i1: 3.0 duration_time_i: 2.0 demand_i: 100 work load_i: 100.0
54
       V_id: 4 li: 8.0 xi: 9.0 bow of i: 5.0 tail of i: 13.0 gama_i0: 9.0 gama_i1: 11.0 duration_time_i: 2.0 demand_i: 100 work load_i: 100.0
       V_id: 5 li: 7.0 xi: 8.5 bow of i: 5.0 tail of i: 12.0 gama_i0: 4.0 gama_i1: 5.0 duration_time_i: 1.0 demand_i: 60 work load_i: 60.0
55
       V_id: 6 li: 4.0 xi: 15.2 bow of i: 13.2 tail of i: 17.2 gama_i0: 4.0 gama_i1: 11.0 duration_time_i: 7.0 demand_i: 140 work load_i: 140.0
56
57
59
   Finished and CPU Time: 1245.000000
60
61
62
63
```