```
exe" "D:\Python\Pycharm\setroute\PyCharm Community Edition 2021.2.3\plugins\python-ce\helpers\pydev\pydevconsole.py" --mode=client --port=2360
 2
   import sys; print
('Python %s on %s' % (sys.version, sys.platform))
3
   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_4_7 _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
   Gurobi found 9 solutions
23
24
     Solution 0:
25
       Obj 0 = 2.0
26
       Obi 1 = 1.0
27
     Solution 1:
28
       Obj 0 = 3.0
29
       Obj 1 = 4.0
30
     Solution 2:
       Obj 0 = 4.0
Obj 1 = 4.0
31
32
33
     Solution 3:
       Obj 0 = 6.0
34
       Obj 1 = 5.0
35
36
     Solution 4:
37
       Obi 0 = 7.0
       Obj 1 = 5.0
38
39
     Solution 5:
       Obj 0 = 12.0
40
41
       Obj 1 = 15.0
42
     Solution 6:
43
       Obj 0 = 14.0
       Obj 1 = 16.0
44
45
     Solution 7:
46
       Obj 0 = 16.0
47
       Obj 1 = 15.0
48
     Solution 8:
49
       Obj 0 = 36.0
50
       Obj 1 = 38.239130434782346
51
52
53
54
   Final solution:
55
     Obj0 = 1.0
     Obj1 = 1.0
56
57
     Total movement of crane: 0.0
58
     Total duration time in berth position: 6.0
59
     Total index of q during berthing: 276.0
60
61
     Specific arrangement:
       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: 140 work load i: 140.0
62
       Vid: 1 li: 4.0 xi: 2.0 bow of i: 0.0 tail of i: 4.0 gama io: 0.0 gama iI: 2.0 duration time i: 2.0 demand i: 140 work load i: 140.0
63
       V_id: 2 li: 9.0 xi: 8.5 bow of i: 4.0 tail of i: 13.0 gama_i0: 1.0 gama_i1: 2.0 duration_time_i: 1.0 demand_i: 140 work load_i: 140.0
64
65
       V_id: 3 li: 8.0 xi: 17.2 bow of i: 13.2 tail of i: 21.2 gama_i0: -0.0 gama_i1: 2.0 duration_time_i: 2.0 demand_i: 160 work load_i: 160.0
66
68
   Finished and CPU Time: 79.000000
69
70
71
```