```
unknown
    exe" "D:\Python\Pycharm\setroute\PyCharm Community Edition 2021.2.3\plugins\python-ce\helpers\pydev\pydevconsole.py" --mode=client --port=50153
 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_9_2 _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
   Problem status = 9, is NOT Optimal
20
21
    Problem has 2 objectives
    Gurobi found 2 solutions
23
24
      Solution 0:
25
        Obj 0 = 6.0
26
        Obj 1 = 16.0
27
      Solution 1:
28
        Obj 0 = 7.0
29
        Obj 1 = 17.0
30
31
32
33
    Final solution:
34
      Obi0 = 5.0
      Obj1 = 16.0
35
36
      Total movement of crane: 0.0
37
      Total duration time in berth position: 18.0
38
      Total index of q during berthing: 408.0
39
40
      Specific arrangement:
41
        V id: 0 li: 8.0 xi: 14.2 bow of i: 10.2 tail of i: 18.2 gama i0: 5.0 gama i1: 6.0 duration time i: 1.0 demand i: 60 work load i: 60.0
        V_id: 1 li: 7.0 xi: 8.2 bow of i: 4.7 tail of i: 11.7 gama_i0: -0.0 gama_i1: 1.0 duration_time_i: 1.0 demand_i: 80 work load_i: 80.0
42
43
             2 li: 9.0 xi: 21.0 bow of i: 16.5 tail of i: 25.5 gama_i0: 0.0 gama_i1: 2.0 duration_time_i: 2.0 demand_i: 80 work load_i: 80.0
        Vid: 3 li: 4.0 xi: 8.1 bow of i: 6.1 tail of i: 10.1 gama i0: 3.0 gama i1: 4.0 duration_time i: 1.0 demand i: 60 work load i: 60.0
44
        V_id: 4 li: 4.0 xi: 14.2 bow of i: 12.2 tail of i: 16.2 gama_i0: -0.0 gama_i1: 5.0 duration_time_i: 5.0 demand_i: 160 work load_i: 160.0
45
        V_id: 5 li: 9.0 xi: 5.5 bow of i: 1.0 tail of i: 10.0 gama_i0: 5.0 gama_i1: 6.0 duration_time_i: 1.0 demand_i: 100 work load_i: 100.0
46
47
        Vid: 6 li: 4.0 xi: 2.0 bow of i: 0.0 tail of i: 4.0 gama_ii: -0.0 gama_ii: 2.0 duration_time_i: 2.0 demand_i: 160 work load_i: 160.0
        V_id: 7 li: 3.0 xi: 1.5 bow of i: 0.0 tail of i: 3.0 gama_i0: 2.0 gama_i1: 5.0 duration_time_i: 3.0 demand_i: 140 work load_i: 140.0 V_id: 8 li: 5.0 xi: 7.7 bow of i: 5.2 tail of i: 10.2 gama_i0: 1.0 gama_i1: 3.0 duration_time_i: 2.0 demand_i: 160 work load_i: 160.0
48
49
50
    Finished and CPU Time: 1275.000000
52
53
54
55
56
```