```
exe" "D:\Python\Pycharm\setroute\PyCharm Community Edition 2021.2.3\plugins\python-ce\helpers\pydev\pydevconsole.py" --mode=client --port=8682
  2
  3
        import sys; print('Python %s on %s' % (sys.version, sys.platform))
        01_My_Python_Code', 'E:/1 \\ \text{0} \\ \
        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
        >>> runfile('E:/1 = 1 = 1/3 = 1 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/4 = 1/
        code/01 My Python Code')
       Backend TkAgg is interactive backend. Turning interactive mode on.
12
13
        This is the R_7_1 _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 = 9, is NOT Optimal
21
        Problem has 2 objectives
23
        Gurobi found 10 solutions
24
              Solution 0:
25
                    Obj 0 = 4.0
26
                    Obi 1 = 4.0
27
              Solution 1:
28
                    Obj 0 = 4.0
29
                    Obj 1 = 5.0
30
              Solution 2:
31
                    Obj 0 = 4.0
                    Obj 1 = 6.0
32
33
              Solution 3:
                    Obj 0 = 4.0
34
                    Obj 1 = 7.0
35
36
              Solution 4:
37
                    Obj 0 = 5.0
                    Obj 1 = 9.0
38
39
              Solution 5:
40
                    Obj 0 = 6.0
41
                    Obj 1 = 10.0
42
              Solution 6:
43
                    Obj 0 = 10.0
                    Obj 1 = 13.0
44
45
              Solution 7:
46
                    Obj 0 = 11.0
                    Obj 1 = 15.0
47
48
              Solution 8:
49
                    Obj 0 = 18.0
50
                    Obj 1 = 33.0
51
              Solution 9:
52
                    Obi 0 = 31.0
53
                    Obj 1 = 47.0
54
55
56
57
        Final solution:
58
             Obj0 = 3.0
              Obj1 = 4.0
59
60
              Total movement of crane: 0.0
              Total duration time in berth position: 14.0
62
              Total index of q during berthing: 426.0
63
64
              Specific arrangement:
65
                   V_id: 0 li: 4.0 xi: 6.0 bow of i: 4.0 tail of i: 8.0 gama_i0: -0.0 gama_i1: 2.0 duration_time_i: 2.0 demand_i: 120 work load_i: 120.0
                   V_id: 1 li: 7.0 xi: 19.5 bow of i: 16.0 tail of i: 23.0 gama_i0: 1.0 gama_i1: 4.0 duration_time_i: 3.0 demand_i: 100 work load_i: 100.0
66
67
                   V_id: 2 li: 6.0 xi: 13.0 bow of i: 10.0 tail of i: 16.0 gama_i0: 1.0 gama_i1: 4.0 duration_time_i: 3.0 demand_i: 160 work load_i: 160.0
68
                   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: 1.0 duration_time_i: 1.0 demand_i: 100 work load_i: 100.0
                   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: 2.0 duration time i: 2.0 demand i: 120 work load i: 120.0
69
70
                   V_id: 5 li: 5.0 xi: 10.7 bow of i: 8.2 tail of i: 13.2 gama_i0: -0.0 gama_i1: 1.0 duration_time_i: 1.0 demand_i: 60 work load_i: 60.0
                   V id: 6 li: 6.0 xi: 5.0 bow of i: 2.0 tail of i: 8.0 gama i0: 2.0 gama i1: 4.0 duration time i: 2.0 demand i: 140 work load i: 140.0
71
74
        Finished and CPU Time: 1246.000000
76
77
78
```