```
exe" "D:\Python\Pycharm\setroute\PyCharm Community Edition 2021.2.3\plugins\python-ce\helpers\pydev\pydevconsole.py" --mode=client --port=10082
  3
        import sys; print('Python %s on %s' % (sys.version, sys.platform))
        01_My_Python_Code', 'E:/1 \\ \text{0} \\ \
         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
        >>> 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_8_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
20
       Problem status = 9, is NOT Optimal
21
        Problem has 2 objectives
        Gurobi found 10 solutions
23
24
              Solution 0:
25
                     Obj 0 = 3.0
26
                    Obi 1 = 6.0
27
              Solution 1:
28
                     Obj 0 = 3.0
29
                     Obj 1 = 7.0
30
              Solution 2:
31
                    Obj 0 = 4.0
                     Obj 1 = 11.0
32
33
              Solution 3:
34
                    Obj 0 = 5.0
                     Obj 1 = 12.0
35
36
              Solution 4:
37
                    Obj 0 = 6.0
                    Obj 1 = 14.0
38
39
              Solution 5:
40
                     Obj 0 = 7.0
41
                    Obj 1 = 14.0
42
              Solution 6:
43
                     Obj 0 = 8.0
                    Obj 1 = 15.0
44
45
              Solution 7:
                    Obj 0 = 9.0
46
                     Obj 1 = 16.0
47
48
              Solution 8:
49
                     Obj 0 = 10.0
50
                     Obj 1 = 17.0
51
              Solution 9:
52
                     Obi 0 = 11.0
53
                    Obj 1 = 18.0
54
55
56
57
        Final solution:
58
              Obj0 = 2.0
              Obj1 = 6.0
59
60
              Total movement of crane: 0.0
              Total duration time in berth position: 11.0
62
              Total index of q during berthing: 404.0
63
64
              Specific arrangement:
65
                   V_id: 0 li: 9.0 xi: 4.5 bow of i: 0.0 tail of i: 9.0 gama_i0: 2.0 gama_i1: 3.0 duration_time_i: 1.0 demand_i: 160 work load_i: 160.0
                    Vid: 1 li: 9.0 xi: 21.8 bow of i: 17.3 tail of i: 26.3 gama_i0: 0.0 gama_i1: 3.0 duration_time_i: 3.0 demand_i: 100 work load_i: 100.0
66
67
                   V_id: 2 li: 7.0 xi: 7.5 bow of i: 4.0 tail of i: 11.0 gama_i0: -0.0 gama_i1: 1.0 duration_time_i: 1.0 demand_i: 120 work load_i: 120.0
                   V_id: 3 li: 8.0 xi: 12.0 bow of i: 8.0 tail of i: 16.0 gama_i0: 1.0 gama_i1: 2.0 duration_time_i: 1.0 demand_i: 120 work load_i: 120.0 V_id: 4 li: 6.0 xi: 14.3 bow of i: 11.3 tail of i: 17.3 gama_i0: 0.0 gama_i1: 1.0 duration_time_i: 1.0 demand_i: 60 work load_i: 60.0
68
69
70
                   V_id: 5 li: 4.0 xi: 6.0 bow of i: 4.0 tail of i: 8.0 gama_i0: 1.0 gama_i1: 2.0 duration_time_i: 1.0 demand_i: 60 work load_i: 60.0
                   V_id: 6 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
71
                   V_id: 7 li: 7.0 xi: 12.5 bow of i: 9.0 tail of i: 16.0 gama_i0: 2.0 gama_i1: 3.0 duration_time_i: 1.0 demand_i: 100 work load_i: 100.0
73
74
        Finished and CPU Time: 1327.000000
76
77
78
79
```