```
exe" "D:\Python\Pycharm\setroute\PyCharm Community Edition 2021.2.3\plugins\python-ce\helpers\pydev\pydevconsole.py" --mode=client --port=1843
 2
 3
     import sys; print('Python %s on %s' % (sys.version, sys.platform))
     01 My Python Code', 'E:/1 0000/3 00000/1 000000/1 0000000/1 000000 0000/1 LW 00002/6 0000/2 python code/
      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_9_5 _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 9 solutions
24
         Solution 0:
25
              Obj 0 = 26.0
26
             Obj 1 = 71.0
27
         Solution 1:
28
              Obj 0 = 27.0
29
              Obj 1 = 84.0
30
         Solution 2:
             Obj 0 = 28.0
31
              Obj 1 = 85.0
32
33
         Solution 3:
34
             Obj 0 = 30.0
              Obj 1 = 87.0
35
36
         Solution 4:
37
             Obj 0 = 31.0
             Obj 1 = 88.0
38
39
         Solution 5:
40
              Obj 0 = 32.0
41
             Obj 1 = 90.0
42
         Solution 6:
43
              Obj 0 = 33.0
             Obj 1 = 116.0
44
45
         Solution 7:
46
              Obj 0 = 35.0
47
              Obj 1 = 124.0
48
         Solution 8:
49
             Obj 0 = 36.0
50
              Obj 1 = 191.73913043478206
51
52
53
54
     Final solution:
55
         Obj0 = 25.0
         Obj1 = 71.0
56
57
         Total movement of crane: 0.0
58
         Total duration time in berth position: 29.0
59
         Total index of q during berthing: 423.0
60
         Specific arrangement:
61
62
             V id: 0 li: 3.0 xi: 3.0 bow of i: 1.5 tail of i: 4.5 gama i0: 3.0 gama i1: 5.0 duration time i: 2.0 demand i: 60 work load i: 60.0
             V id: 1 li: 7.0 xi: 3.5 bow of i: 0.0 tail of i: 7.0 gama i0: 15.0 gama i1: 18.0 duration time i: 3.0 demand i: 80 work load i: 80.0
63
             V_id: 2 li: 4.0 xi: 9.8 bow of i: 7.8 tail of i: 11.8 gama_i0: 22.0 gama_i1: 26.0 duration_time_i: 4.0 demand_i: 160 work load_i: 160.0
64
65
             V_id: 3 li: 3.0 xi: 4.5 bow of i: 3.0 tail of i: 6.0 gama_i0: 11.0 gama_i1: 15.0 duration_time_i: 4.0 demand_i: 100 work load_i: 100.0
             V_id: 4 li: 5.0 xi: 8.6 bow of i: 6.1 tail of i: 11.1 gama_i0: 10.0 gama_i1: 13.0 duration_time_i: 3.0 demand_i: 120 work load i: 120.0
66
67
             V_id: 5 li: 7.0 xi: 18.5 bow of i: 15.0 tail of i: 22.0 gama_i0: 4.0 gama_i1: 7.0 duration_time_i: 3.0 demand_i: 120 work load_i: 120.0
68
             V_id: 6 li: 7.0 xi: 3.5 bow of i: 0.0 tail of i: 7.0 gama_i0: 0.0 gama_i1: 3.0 duration_time_i: 3.0 demand_i: 140 work load_i: 140.0
             Vid: 7 li: 6.0 xi: 11.7 bow of i: 8.7 tail of i: 14.7 gama i0: 1.0 gama i1: 5.0 duration time i: 4.0 demand i: 160 work load i: 160.0
69
70
             Vid: 8 li: 6.0 xi: 3.0 bow of i: 0.0 tail of i: 6.0 gama i0: 5.0 gama i1: 8.0 duration_time_i: 3.0 demand_i: 80 work load_i: 80.0
71
73
     Finished and CPU Time: 1265.000000
74
75
76
77
```