```
 1  "E:\1 □□□□\3 □□□□□\1 □□□□□□□\1 □□□□□□□□□\1_□□□□□□_□□□□\1_LW_□□□□□2\6 □□□□□\2 python code\01_My_Python_Code\Scripts\python.
    exe" "D:\Python\Pycharm\setroute\PyCharm Community Edition 2021.2.3\plugins\python-ce\helpers\pydev\pydevconsole.py" --mode=client --port=5810
 2
 3  import sys; print('Python %s on %s' % (sys.version, sys.platform))
 4  sys.path.extend(['E:\\1 □□□□\\3 □□□□□\\1 □□□□□□□\\1 □□□□□□□□□\\1_□□□□□□_□□□□\\1_LW_□□□□□2\\6 □□□□□\\2 python code\\
    01_My_Python_Code', 'E:/1 □□□□/3 □□□□□/1 □□□□□□□/1 □□□□□□□□□/1_□□□□□□_□□□□/1_LW_□□□□□2/6 □□□□□/2 python code/
    01_My_Python_Code'])
 5
 6  PyDev console: starting.
 7
 8  Python 3.9.7 (tags/v3.9.7:1016ef3, Aug 30 2021, 20:19:38) [MSC v.1929 64 bit (AMD64)] on win32
 9  >>> runfile('E:/1 □□□□/3 □□□□□/1 □□□□□□□/1 □□□□□□□□□/1_□□□□□□_□□□□/1_LW_□□□□□2/6 □□□□□/2 python code/01_My_Python_Code/
    main_BACASP_official_gurobi.py', wdir='E:/1 □□□□/3 □□□□□/1 □□□□□□□/1 □□□□□□□□□/1_□□□□□□_□□□□/1_LW_□□□□□2/6 □□□□□/2 python
    code/01_My_Python_Code')
10  Backend TkAgg is interactive backend. Turning interactive mode on.
11  Start.....
12
13  This is the  R_3_3 _standerd_test.xlsx  optimization results solved by Gurobi
14
15  Set parameter TimeLimit to value 1200
16  Set parameter MIPGap to value 0.005
17
18
19
20  Problem status =  2 , is Optimal
21
22  Problem has 2  objectives
23  Gurobi found  9  solutions
24      Solution 0 :
25          Obj 0  =  3.0
26          Obj 1  =  0.0
27      Solution 1 :
28          Obj 0  =  4.0
29          Obj 1  =  0.0
30      Solution 2 :
31          Obj 0  =  5.0
32          Obj 1  =  4.0
33      Solution 3 :
34          Obj 0  =  6.0
35          Obj 1  =  2.0
36      Solution 4 :
37          Obj 0  =  9.0
38          Obj 1  =  8.0
39      Solution 5 :
40          Obj 0  =  10.0
41          Obj 1  =  18.0
42      Solution 6 :
43          Obj 0  =  11.0
44          Obj 1  =  20.0
45      Solution 7 :
46          Obj 0  =  35.0
47          Obj 1  =  20.0
48      Solution 8 :
49          Obj 0  =  36.0
50          Obj 1  =  20.0
51
52
53
54  Final solution:
55      Obj0 =  2.0
56      Obj1 =  0.0
57      Total movement of crane:  0.0
58      Total duration time in berth position:  9.0
59      Total index of q during berthing:  77.0
60
61      Specific arrangement:
62        V_id:  0  li: 3.0  xi: 1.5  bow of i: 0.0   tail of i: 3.0 gama_i0: 0.0   gama_i1:  3.0  duration_time_i:  3.0  demand_i:  140   work load_i:  140.0
63        V_id:  1  li: 3.0  xi: 5.5  bow of i: 4.0   tail of i: 7.0 gama_i0: 0.0   gama_i1:  3.0  duration_time_i:  3.0  demand_i:  120   work load_i:  120.0
64        V_id:  2  li: 3.0  xi: 12.8   bow of i: 11.3 tail of i: 14.3  gama_i0:  0.0   gama_i1:  3.0  duration_time_i:  3.0  demand_i:  60 work load_i:  60.0
65
66
67  Finished and CPU Time: 45.000000
68
69
70
71
```