```
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=43534
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_2_6 _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  4  solutions
24    Solution 0 :
25        Obj 0  =  2.0
26        Obj 1  =  0.0
27    Solution 1 :
28        Obj 0  =  3.0
29        Obj 1  =  0.0
30    Solution 2 :
31        Obj 0  =  4.0
32        Obj 1  =  0.0
33    Solution 3 :
34        Obj 0  =  5.0
35        Obj 1  =  1.0
36
37
38
39 Final solution:
40    Obj0 =  1.0
41    Obj1 =  0.0
42    Total movement of crane:  0.0
43    Total duration time in berth position:  4.0
44    Total index of q during berthing:  72.0
45
46    Specific arrangement:
47      V_id:  0   li: 6.0   xi: 3.0   bow of i: 0.0    tail of i: 6.0  gama_i0: 0.0   gama_i1: 2.0  duration_time_i: 2.0  demand_i: 140   work load_i: 140.0
48      V_id:  1   li: 7.0   xi: 11.6   bow of i: 8.1    tail of i: 15.1   gama_i0: 0.0   gama_i1: 2.0  duration_time_i: 2.0  demand_i: 100   work load_i: 100.0
49
50
51 Finished and CPU Time: 22.000000
52
53
54
55
```