```
1  "C:\Users\shatrudhan kumar\python.exe" "C:\Users\
   shatrudhan kumar\Desktop\PyCharm Community Edition
   2021.3\plugins\python-ce\helpers\pydev\pydevconsole.
   py" --mode=client --port=55682
2
3  import sys; print('Python %s on %s' % (sys.version,
   sys.platform))
4  sys.path.extend(['C:\\Users\\shatrudhan kumar\\
   PycharmProjects\\assignment', 'C:/Users/shatrudhan
   kumar/PycharmProjects/assignment'])
5
6  PyDev console: starting.
7
8  Python 3.10.1 (tags/v3.10.1:2cd268a, Dec  6 2021, 19:
   10:37) [MSC v.1929 64 bit (AMD64)] on win32
9  >>> runfile('C:/Users/shatrudhan kumar/
   PycharmProjects/assignment/Q8.py', wdir='C:/Users/
   shatrudhan kumar/PycharmProjects/assignment')
10 {1, 2, 3, 4, 5, 6, 8}
11 {2, 4}
12 {1, 3, 5, 6, 8}
13 {1, 2, 3, 4, 5, 6, 8, 9, 13, 17}
14 {2, 4}
15 set()
16 {1, 5}
17 {1, 2, 4, 5}
18 {3, 6, 8, 9, 13, 17}
19 {2, 4}
20 set()
21 {1, 5}
22 {6, 7, 8, 9, 10}
23 {1, 2, 3, 4, 5, 6, 8, 9, 13, 17}
24 {10, 7}
25
```