

1)

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\johnson> & "C:/Users/kurapati vyshnavi/AppData/Local/Programs/Python/Python312/python.exe" c:/johnson/shortest_paths.py
Following matrix shows the shortest distances between every pair of vertices
  0  1  1  1
  1  0  1  1
  1  1  0  1
  1  1  1  0
PS C:\johnson>
```

2)

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\johnson> & "C:/Users/kurapati vyshnavi/AppData/Local/Programs/Python/Python312/python.exe" c:/johnson/shortest_paths.py
Following matrix shows the shortest distances between every pair of vertices
  0  5  8  9
 INF 0  3  4
 INF INF 0  1
 INF INF INF 0
PS C:\johnson>
```

3)