```
 1 C:\Users\Harsh\anaconda3\python.exe "C:\Users\Harsh\A
   .I. Codes\python_AI_Code\1_DFS_BFS.py"
 2 Enter number of nodes : 8
 3 Enter number of edges for node 1 : 2
 4 Enter edge 1 for node 1 : 2
 5 Enter edge 2 for node 1 : 3
 6 Enter number of edges for node 2 : 1
 7 Enter edge 1 for node 2 : 8
 8 Enter number of edges for node 3 : 2
 9 Enter edge 1 for node 3 : 4
10 Enter edge 2 for node 3 : 5
11 Enter number of edges for node 4 : 3
12 Enter edge 1 for node 4 : 1
13 Enter edge 2 for node 4 : 2
14 Enter edge 3 for node 4 : 5
15 Enter number of edges for node 5 : 0
16 Enter number of edges for node 6 : 0
17 Enter number of edges for node 7 : 0
18 Enter number of edges for node 8 : 0
19 The following is DFS
20 1 2 8 3 4 5
21 The following is BFS
22 1 2 3 8 4 5
23 Process finished with exit code 0
24
```