

```
1
2 def dfs(graph, start, visited=None):
3     if visited is None:
4         visited = set()
5     if start not in visited:
6         print(start, end=" ")
7         visited.add(start)
8         for neighbor in graph[start]:
9             dfs(graph, neighbor, visited)
10
11 graph = {
12     'A': {'B', 'C'},
13     'B': {'D', 'E'},
14     'C': {'F'},
15     'D': set(),
16     'E': {'F'},
17     'F': set()
18 }
19
20 print("DFS Traversal:")
21 dfs(graph, 'A')
22
23
```

Output

Status : Successfully executed

Time:

0.0100 secs

Memory:

8.704 Mb

Your Output

DFS Traversal:

A B E F D C