

```
1 from collections import deque
2
3 def bfs(graph, start):
4     visited = set()
5     queue = deque([start])
6     visited.add(start)
7
8     print("BFS traversal starting from node", start)
9
10    while queue:
11        node = queue.popleft()
12        print(node, end=" ")
13
14        for neighbor in graph.get(node, []):
15            if neighbor not in visited:
16                visited.add(neighbor)
17                queue.append(neighbor)
18
19 graph = {
20     'A': ['B', 'C'],
21     'B': ['A', 'D', 'E'],
22     'C': ['A', 'F'],
23     'D': ['B'],
24     'E': ['B', 'F'],
25     'F': ['C', 'E']
26 }
27 bfs(graph, 'A')
```

```
>>> %Run -c $EDITOR_CONTENT
```

```
BFS traversal starting from node A
```

```
A B C D E F
```

```
>>>
```