

```

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

```

## Output

Status : Successfully executed

Time:  
0.0100 secs

Memory:  
8.824 Mb

## Your Output

Initial State: ('A', 'Dirty', 'Dirty')

Cleaned A

Cleaned B

Final State: {Location:B, Left:Clean, Right:Clean}