7. Implement BFS

**Code :**

from collections import deque

def bfs(graph, start):

visited = set()

queue = deque([start])

print("BFS Traversal:", end=" ")

while queue:

node = queue.popleft()

if node not in visited:

print(node, end=" ")

visited.add(node)

queue.extend(graph[node] - visited)

print()

# Example graph (Adjacency List)

graph = {

'A': {'B', 'C'},

'B': {'A', 'D', 'E'},

'C': {'A', 'F'},

'D': {'B'},

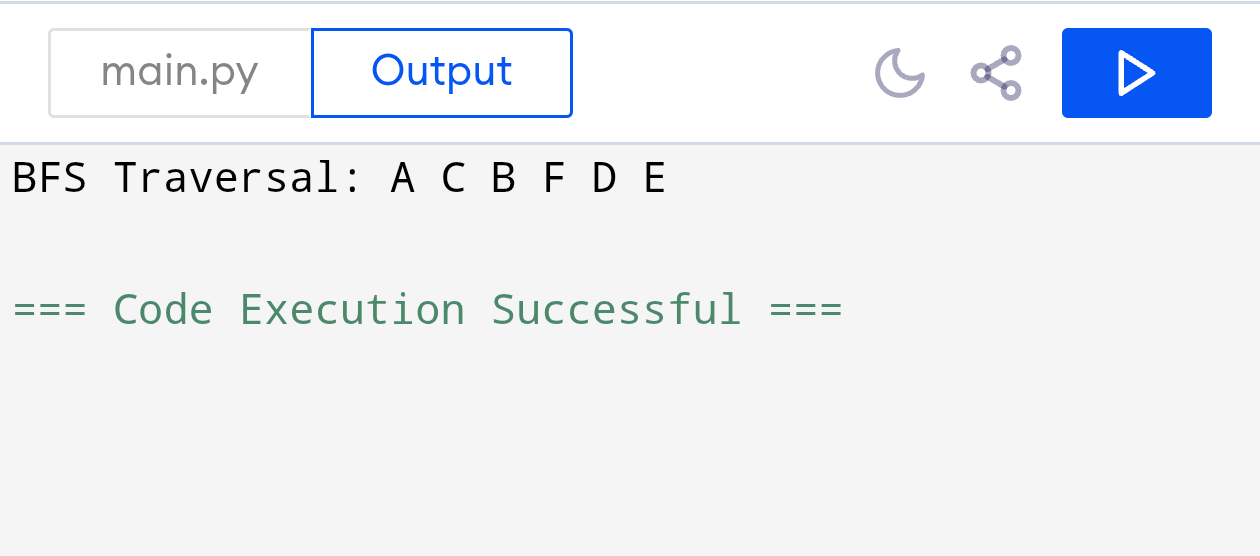
'E': {'B', 'F'},

'F': {'C', 'E'}

}

bfs(graph, 'A')

**Output:**

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