from collections import deque

def bfs(graph, start):

visited = set()

queue = deque([start])

visited.add(start)

while queue:

node = queue.popleft() # Dequeue the first element

print(node, end=" ")

# Explore the neighbors

for neighbor in graph[node]:

if neighbor not in visited:

queue.append(neighbor)

visited.add(neighbor)

# Example graph represented as an adjacency list

graph = {

'A': ['B', 'C'],

'B': ['D', 'E'],

'C': ['F'],

'D': [],

'E': ['F'],

'F': []

}

# Call BFS starting from node 'A'

bfs(graph, 'A')

output:

