Python Program for BFS

from collections import deque

def bfs(graph, start):

visited = set()

q = deque([start])

while q:

node = q.popleft()

if node not in visited:

print(node, end=" ")

visited.add(node)

q.extend(graph[node] - visited)

graph = {

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

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

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

'D': {'B'},

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

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

}

bfs(graph,'A')

Output

A C B F D E