from collections import deque

def bfs(graph, start):

visited = set()

queue = deque([start])

while queue:

vertex = queue.popleft()

if vertex not in visited:

visited.add(vertex)

print(vertex)

# Explore neighbors

neighbors = graph[vertex]

for neighbor in neighbors:

if neighbor not in visited:

queue.append(neighbor)

# Example usage

graph = {

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

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

'C': ['A', 'F'],

'D': ['B'],

'E': ['B', 'F'],

'F': ['C', 'E']

}

start\_vertex = 'A'

bfs(graph, start\_vertex)