**SIMPLE BFS**

def bfs(visited, graph, snode):

visited.append(snode)

queue.append(snode)

while queue:

s = queue.pop(0)

print (s, end = " ")

for neighbour in graph[s]:

if neighbour not in visited:

visited.append(neighbour)

queue.append(neighbour)

graph = {}

visited = []

queue = []

# Input graph data from the user

n = int(input("Enter the number of nodes in the graph: "))

for \_ in range(n):

node = input("Enter node name: ")

neighbours = input(f"Enter neighbours of node {node} (separated by spaces): ").split()

graph[node] = neighbours

start\_node = input("Enter the starting node for BFS traversal: ")

bfs(visited, graph, start\_node)