import collections

print("Ajay Tiwari, 31")

# BFS algorithm def bfs(graph, root):

visited, queue = set(), collections.deque([root]) visited.add(root)

while queue:

vertex = queue.popleft() print(str(vertex) + " ", end="") for neighbour in graph[vertex]:

if neighbour in graph[vertex]: if neighbour not in visited:

visited.add(neighbour) queue.append(neighbour)

if \_name\_ == '\_main\_':

graph = {0: [1, 2], 1: [2], 2: [3], 3: [1, 2]} print("Following is Breadth First Traversal: ") bfs(graph, 0)