BREADTH FIRST SEARCH :

**graph = {**

**'5' : ['3','7'],**

**'3' : ['2', '4'],**

**'7' : ['8'],**

**'2' : [],**

**'4' : ['8'],**

**'8' : []**

**}**

**visited = [] # List for visited nodes.**

**queue = [] #Initialize a queue**

**def bfs(visited, graph, node): #function for BFS**

**visited.append(node)**

**queue.append(node)**

**while queue: # Creating loop to visit each node**

**m = queue.pop(0)**

**print (m, end = " ")**

**for neighbour in graph[m]:**

**if neighbour not in visited:**

**visited.append(neighbour)**

**queue.append(neighbour)**

**# Driver Code**

**print("Following is the Breadth-First Search")**

**bfs(visited, graph, '5') # function calling**