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Breadth-First Search

Code:

```python
graph = {
  '5' : ['3','7'],
  '3' : ['2', '4'],
  '7' : ['8'],
  '2' : [],
  '4' : ['8'],
  '8' : []
}

visited = []
queue = []

def bfs(visited, graph, node):
  visited.append(node)
  queue.append(node)

  while queue:
    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')
✓ 0.4s
```

Output:

```
[1]    ✓ 0.4s

...    Following is the Breadth-First Search
       5 3 7 2 4 8
```