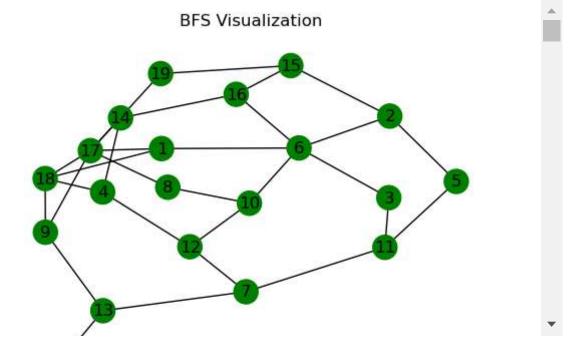
```
In [6]: # Create Graph
G = generate_connected_random_graph(n=20, m=30)
pos = nx.spring_layout(G)
```

```
In [7]: # Run BFS and Visualize
bfs_order = list(nx.bfs_tree(G, source=0))
visualize_search(bfs_order, title='BFS Visualization', G=G, pos=pos)
```



In [8]: # Run DFS and Visualize dfs_order = list(nx.dfs_preorder_nodes(G, source=0)) visualize_search(dfs_order, title='DFS Visualization', G=G, pos=pos)

