

# Advanced Programming Practices

## Lab - 21

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1. Given a connected graph and a starting vertex, perform Breadth First Search (BFS) and print the order of traversal.
2. Perform Depth First Search (DFS) from a given start node and print the order of visited vertices.
3. Given an undirected graph, determine whether the graph is connected (i.e., all vertices are reachable from any vertex).
4. Given an undirected graph, check whether it contains any cycle.