

1. Develop and Implement a Program for the following operations on Graph(G).

a. Create a Graph of N vertex using Adjacency Matrix.

b. Print all the nodes reachable from a given starting node in a digraph using DFS method

2. Develop and Implement a Program for the following operations on Graph(G).

a. Create a Graph of N vertex using Adjacency Matrix.

b. Print all the nodes reachable from a given starting node in a digraph using BFS method

3. Write a program to count the number of edges in the graph.

4. Write a program to obtain the topological ordering of vertices in a digraph.

5. Write a program to find the degree of each vertex In a graph.