## Military Institute of Science and Technology Computer Science and Engineering CSE-204, Week 12 - Implementation of DFS

## **DFS** pseudocode:

## Task:

- 1. Implement DFS function for a single vertex.
- 2. Create a function that will automatically call DFS function for all vertices.
- 3. Find the number of groups and their members for a given graph.
- 4. Create a function that will take two vertices as input and find the number of their mutual friends and also show who they are.