



Practice Session_IV

ECE 3060 Data Structure and Algorithms

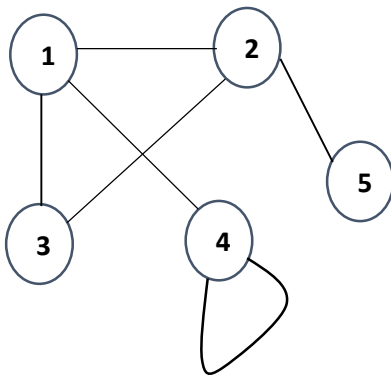
I Semester 2023-2024

Instructions: 1.

1. Solution to the assignment should be a .c program and submitted on Moodle (LMS).
2. Name the solution file as .c. For instance if your roll number is 2019-MIIT-ECE-001, the name of your file should be 2019-MIIT-ECE-001-no1.c. Upload only the main program, which should have the solution for the problem statement given in this assignment.

Problem I.

Write a C program to implement adjacency matrix of a given graph.



Sample input/output:

```
Adjacency Matrix is
      1 2 3 4 5
1 [ 0 1 1 1 0 ]
2 [ 0 0 1 0 0 ]
3 [ 0 1 0 0 0 ]
4 [ 0 0 0 1 0 ]
5 [ 0 1 0 0 0 ]
```