**CSE221: Algorithms**

**Lab 04**

**Spring 2025**

**Assignment 04:**

**codeforces Invitation Link:** [**https://codeforces.com/contestInvitation/562293e7feceb9e5a929dda246cb05abe59f0cb1**](https://codeforces.com/contestInvitation/562293e7feceb9e5a929dda246cb05abe59f0cb1)

Alternative Link: <https://codeforces.com/contests/601275>

[The alternative link will only work after you have successfully registered using the first link.]

Deadline: 11:59 pm, April 13, 2025

**No submission will be considered after the deadline ends.**

### **Learning Outcome:**

In this lab, we will learn how to construct graphs using both **adjacency list** and **adjacency matrix** representations. To solve the problems of this lab assignment, we need the Data Structure knowledge we have learned in the previous courses.