

CSE221: Algorithms

Lab 06

Spring 2025

Assignment 06:

codeforces Invitation Link:

<https://codeforces.com/contestInvitation/d35df407a0719dc43f6ab29cd92563502f8cfeac>

Alternative Link: <https://codeforces.com/contests/604800> [The alternative link will only work after you have successfully registered using the first link.]

Deadline: Apr 26, 2025 11:59 PM

No submission will be considered after the deadline ends.

Learning Outcome:

By the end of this lab, students will have a better understanding of how to use BFS and DFS to solve more advanced problems. They will learn how to check if a graph is bipartite, how to find a topological order of a graph, and solve other problems that use these techniques. This lab will help students think more clearly about how graphs work and how

to turn those ideas into working code.