

CSE-2212: Design and Analysis of Algorithms-I Lab

Practice Lab 3– April 15, 2025

Experiment: Extending the Graph Class to find Strongly Connected components in Java

You will continue working on the Graph class you created in the previous lab.

Tutorial:

<https://www.hackerearth.com/practice/algorithms/graphs/strongly-connected-components/tutorial/>

Here are some problems to practice:

Hackerearth:

<https://www.hackerearth.com/practice/algorithms/graphs/strongly-connected-components/practice-problems/>

Topcoder: https://community.topcoder.com/stat?c=problem_statement&pm=14334

Lightoj: <https://lightoj.com/problems/category/scc>

SPOJ: <https://www.spoj.com/problems/CAPCITY/>

Codeforces :

1. Rating 1700: <https://codeforces.com/problemset/problem/427/C>
2. Rating 2200: <https://codeforces.com/problemset/problem/505/D>