[CSL202]-Data Structures **2024-25-M**

LAB-XII

Date: **Nov 16, 2024**.

You need to upload your solutions of Q1 and Q2 to canvas portal before 11:30pm on Nov 17, 2024.

1. Write a program to implement the Dijkstra's algorithm using priority queues. Assume that input graph is represnted using adjacency list representation.
2. Let G be a weighted (edge weights may be negative) directed acyclic graph with a source vertex s. Write a program to compute the length of the shortest path from s to every other vertex of G.