

ALGORITHM DESIGN 2

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Assignment 2

Semester: 4th | Section: CSE 01 | | Date: 24/02/2024

- 1. Write a JAVA program to find the minimum spanning tree of a given weighted connected graph using Prim's algorithm.
- 2. Write a JAVA program to find the shortest path from a given source vertex to all the other vertices of a given graph using Dijkstra's single source shortest path algorithm.
- 3. Write a JAVA program to find the shortest path from a given source vertex to all the other vertices of a given graph using Bellman-Ford algorithm.