

LAB ASSIGNMENT -1

Advanced Algorithms.

1. Write a program to find whether a given string is present in the array of strings using
 - a. Linear Search Algorithm
 - b. Binary Search Algorithm
2. Write a program to find the shortest path in a graph using Floyd-Warshall algorithm.
3. Write a program to implement the Ford-Fulkerson Method.
4. Write programs to implement the following algorithms:
 - a. Fractional Knapsack Problem
 - b. 0/1 Knapsack Problem