DAOA Practical Examination List

Sr. No	Program to implement
1	Implementation of Strassen's Matrix Multiplication using divide and conquer approach.
2	Implementation of minimum spanning tree using greedy algorithm (Prims's algorithm).
3	Implementation of minimum spanning tree using greedy algorithm (Kruskal's algorithm).
4	Implementation of Knapsack problem using greedy algorithm.
5	Implementation of Coin Change Problem using greedy algorithm.
6	Implementation of Dijkstra's algorithm using greedy algorithm.
7	Implementation of Matrix chain multiplication using dynamic programming.
8	Implementation of Coin Change Problem using dynamic programming.
9	Implementation of Travelling Salesman Problem using dynamic programming.
10	Implementation of Longest Common Subsequence (LCS) using dynamic programming.
11	Implementation of N-queen problem using backtracking.
12	Implementation of Sum of subsets using backtracking.
13	Implementation of Job Scheduling Problem using greedy algorithm
14	Implementation of Coin Change Problem using greedy algorithm.
15	Implementation of Knuth-Morris-Pratt algorithm for string matching.
16	Implementation of Fifteen Puzzle problem using branch and bound.