Sister Nivedita University
Department of Computer Science and Engineering
DESIGN AND ANALYSIS OF ALGORITHMS LAB

SL NO.	LIST OF PROGRAMS
1	Write a C program to perform Linear search.
2	Write a C program to perform Binary search using divide and conquer approach.
3	Write a C program to perform Merge Sort using divide and conquer approach.
4	Write a C program to perform Quick Sort using divide and conquer approach.
5	Write a program in C to Find Maximum and Minimum element from a array of integer using divide and conquer approach.
6	Write a C program to Implement matrix chain multiplication.
7	Write a C program to Implement Depth First Search (DFS) Algorithm.
8	Write a C program to Implement Breadth First Search (BFS) Algorithm.
9	Write a C program to Implement Minimum Cost Spanning Tree by Kruskal's Algorithm
10	Write a C program to Implement Minimum Cost Spanning Tree by Prim's Algorithm
11	Write a C program to Implement single source shortest path for a graph (Dijkstra Algorithm).
12	Write a C program to implement all pair shortest path using Floyd's algorithm.
13	Write a C program to Implement N Queen problem
14	Write a C program to Implement Traveling Salesman Problem.