LP-II Problem Statements

1. Implement depth first Search algorithm, Use an undirected graph and develop a recursive algorithm for searching all the vertices of a graph or tree data structure.

2. Implement Breadth first Search algorithm, Use an undirected graph and develop a recursive algorithm for searching all the vertices of a graph or tree data structure.

3.Implement A star Algorithm for any game search problem.

4.Implement Greedy search algorithm for any of the following application:
Selection Sort.

5. Implement Greedy search algorithm for any of the following application:
Prim's Minimal Spanning Tree Algorithm.

6. Implement Greedy search algorithm for any of the following application:
Jobs Scheduling   Problem

7. Implement a solution for a Constraint Satisfaction Problem using Branch and Bound and Backtracking for n-queens problem

8.Implement a solution for a Constraint Satisfaction Problem for Graph Coloring .

9.Develop an elementary chatbot for any suitable customer interaction application .

10.Implement any one of the following Expert system

 I. Information management II. Hospitals and medical

facilities III. Help desks management IV. Employee

performance evaluation V. Stock market trading VI.

Airline scheduling and cargo schedules.

11.Create the Instance of Amazon EC2   web Service using AWS Educate.

12.Creating an application in salesForce.com using Apex Programming Language Perform Addition of Two numbers.

13.Creating an application in salesForce.com using Apex Programming Language Perform substration of Two numbers.

14.Creating an application in salesForce.com using Apex Programming Language .Perform Multiplication of Two numbers.

15.Creating an application in salesForce.com using Apex Programming Language .Perform Division of Two numbers.

16.Creating an application in salesForce.com using Apex Programming Language . Perform (add, Sub, multi, Div) of Two numbers.

17. Creating an application in salesForce.com using Apex Programming Language Display Multiple of 5 (table of 5).

18. Creating an application in salesForce.com using Apex Programming Language Display Multiple of 10 (table of 10).

19.Creating an application in salesForce.com using Apex Programming Language .Print message "Welcome to Apex Programming Language of sale force Platform".

20.Design and develop custom Application using Sales force Cloud (Lightning Platform).

21.Perform the steps for the Amazon service- S3- simple storage Service using AWS Educate.

22.Perform the steps for the Amazon Service RDB-Relational database using AWS Educate.