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| **S.No** | **Exp.No.** | **Experiment Name** |  |
| 1 | 1 | Write a python program to implement Simple Calculator program? |  |
| 2 | 2 | Write a python program to Add Two Matrices. |  |
| 3 | 3 | Write a python program to Transpose a Matrix. |  |
| 4 | 4 | Write a python program to sort the sentence in alphabetical order? |  |
| 5 | 5 | Write a python program to implement List operations (Nested List, Length, Concatenation,  Membership, Iteration, Indexing and Slicing)? |  |
| 6 | 6 | Write a python program to implement List methods (Add, Append, Extend & Delete). |  |
| 7 | 7 | Write a python program to Illustrate Different Set Operations? |  |
| 8 | 8 | Write a python program to generate Calendar for the given month and year? |  |
| 9 | 9 | Write a python program to remove punctuations from the given string? |  |
| 10 | 10 | Write the python program to solve 8-Puzzle problem |  |
| 11 | 11 | Write the python program to solve 8-Queen problem |  |
| 12 | 12 | Write the python program for Water Jug  Problem |  |
| 13 | 13 | Write the python program for Cript-Arithmetic problem |  |
| 14 | 14 | Write the python program for Missionaries Cannibal problem |  |
| 15 | 15 | Write the python program for Vacuum Cleaner problem |  |
| 16 | 16 | Write the python program to implement BFS. |  |
| 17 | 17 | Write the python program to implement DFS. |  |
| 18 | 18 | Write the python to implement Travelling Salesman Problem |  |
| 19 | 19 | Write the python program to implement A\*  algorithm |  |
| 20 | 20 | Write the python program for Map Coloring to implement CSP. |  |
| 21 | 21 | Write the python program for Tic Tac Toe game |  |
| 22 | 22 | Write the python program to implement  Minimax algorithm for gaming |  |
| 23 | 23 | Write the python program to implement Apha & Beta pruning algorithm for gaming |  |

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| 24 | 24 | Write the python program to implement Decision Tree |  |
| 25 | 25 | Write the python program to implement Feed forward neural Network |  |
| 26 | 26 | Write a Prolog Program to Sum the Integers from 1 to n. |  |
| 27 | 27 | Write a Prolog Program for A DB WITH NAME, DOB. |  |
| 28 | 28 | Write a Prolog Program for STUDENT-  TEACHER-SUB-CODE. |  |
| 29 | 29 | Write a Prolog Program for PLANETS DB. |  |
| 30 | 30 | Write a Prolog Program to implement Towers of Hanoi. |  |
| 31 | 31 | Write a Prolog Program to print particular bird can fly or not. Incorporate required queries. |  |
| 32 | 32 | Write the prolog program to implement family tree  Pam, Liz, Ann and Pat are female, while Tom, Bob and Jim are male persons.  Using this information, define the following relations:   * Define the “mother” relation: * Define the “father” relation: * Define the “grandfather” relation: * Define the “grandmother” relation: * Define the “sister” relation   Define the “brother” relation |  |
| 33 | 33 | Write a Prolog Program to suggest Dieting System based on Disease. |  |
| 34 | 34 | Write a Prolog program to implement Monkey Banana Problem |  |
| 35 | 35 | Write a Prolog Program for fruit and its color using Back Tracking. |  |
| 36 | 36 | Write a Prolog Program to implement Best  First Search algorithm |  |
| 37 | 37 | Write the prolog program for Medical Diagnosis |  |
| 38 | 38 | Write a Prolog Program for forward Chaining. Incorporate required queries. |  |
| 39 | 39 | Write a Prolog Program for backward  Chaining. Incorporate required queries. |  |
| 40 | 40 | Create a Web Blog using Word press to demonstrate Anchor Tag, Title Tag, etc. |  |