

Subject: Principles of Artificial Intelligence Lab

Paper Code: AIML-257

List of Experiments

1. Write a program to implement syntax, basic list manipulation functions, and numeric functions in Prolog.
2. Write a program to implement input, output and predicates in Prolog.
3. Write a program to implement local variables and conditional statements using Prolog.
4. Write a program to calculate the factorial of a given number using Prolog.
5. Write a program to solve the 4-Queen problem using Prolog.
6. Write a program to solve any real-life problem using depth-first search in Prolog.
7. Write a program to solve TIC-TAC-TOE Problem using Prolog.
8. Write a program to solve Monkey Banana Problem using Prolog.
9. Write a program to solve Water Jug Problem using Prolog.
10. Write a program to solve SPuzzle Problem using Prolog.
11. Write a program to solve Tower of Hanoi Problem using Prolog.
12. Write a program for medical diagnosis using Prolog.