

## UNIFICATION AND RESOLUTION:

AIM:

To execute programs based on unification and resolution. Deduction in prolog is based on the unification and instantiation. Matching terms are unified and variables get instantiated.

PROCEDURE :

(1) Set Up Prolog Environment:-

Open your prolog interpreter.

(2) Creating a knowledge base file:-

Open a text editor and save the

following .

(3) Load the knowledge base :

In your prolog interpreter, load the

base

(4) Define goals for refutation:

For Goal 1: Prove not - strawberry

For Goal 2: Prove enjoy

(5) Execute Queries for each Goal.

(6) Review Result:

(7) Conclusion.

(8) Exit Prolog

After testing all goals type:

? - halt

Output:

? - notstrawberry picking

true

? - enjoy

true

? - wet

true

Result:

The program is successfully executed and the output is verified.

