AIM:-

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

PROCEDURE FOR EXECUTING PROLOG PROGRAMS ON UNIFICATION AND RESOLUTION:-

1). Set up prolog environment:

Open your prolog interpreter.

2). Creating a knowledge base file:

Open a text editor and save the following prolog code as resolution - kb.pl:

3) load the knowledge Base :-

In your prolog interpreter, load the knowledge base.

4) define goals for refutation:

for Goal 1 : check if strawberry picking is true.

for Goal 2 : check if not (enjoy) is true.

6). Review results.

7) Conclusion:-

8). Exit Prolog:

After testing all goals type:

?- halt

o/p:-

?- notstrawberry - picking.
true.

?- enjoy.
true.

?- wet.
true.

Result:- ~

The program was successfully executed &
the o/p is verified.