Ex: No: 8
Date:

Unification & Resolution

Aim:

To execute programs based on Unification & Resolution. Deduction in prolog is based on the unification & Instantiation. Matching terms are unified & variables get

Procedure:-

1. Set up Prolog Environment:
   Open your prolog interpreter
2. Creating a knowledge base file:
   Open a text editor & save the following.
3. Load the Knowledge Base:
   In your prolog interpreter, load the knowledge base.
4. Define goals for Refutation.
   For Goal 1: Prove not_strawberry
   For Goal 2: Prove enjoy
5. Execute Queries for Each Goal:
   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:

```
?- not strawberry_picking
true
?- enjoy
true
?- wet
true
```

Result: The program was successfully executed & the O/P is verified.