Ex No: Unification and Resolution

Date

AIM:

To execute Program based on unification and Resolution Deduction in Prolog is based on the unification and instantiation matching terms are unified and variables get instantiated. Matching terms are unified and variables get instantiated

Procedure for executing Prolog Program on unification and resolution.

Setup prolog environment Open your Prolog Interpreter.

creating a Knowledge base file Open a text editor and save the following Prolog code as resolution_kb.pl:

Load the Knowledge Base in your Prolog interpreter, load the Knowledge base.

Define goals for Refutation

Goal1: Prove not_Strawberry. Picking

Goal2: Prove enjoy

Execute queries for Each Goal.

Goal1: Check if Strawberry. Picking is true.

For Goal 2: Prove enjoy

6. Execute queries for each Goal

For Goal1: Check if strawberry Pickin is true

For Goal2: check if not (enjoy) is true.

7. Review result

8. Conclusion

9. Exit Prolog:
After testing all goals type ?- hal

Output:

?- not strawberry_Picking
true

?- enjoy
true

?- wet
true

Result:

The Program was successfully execu
the output is verified.

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