

EXP NO: 6

PROLOG

Date

Aim:-

To develop a family tree programming using Prolog with all possible facts, rules & queries.

Procedures:-

1. Create a file: Write the knowledge base in a text file and save it as family-relation.
2. Open prolog: Launch your prolog interpreter.
3. Load the knowledge base: In prolog, load the file using

? - [family-relation]

4. Query the database: Ask queries based on the facts and rules.

5. View results: Prolog will return results for each query. Use the semicolon ; to see more answers.

6. Exit Prolog: Type:
?- halt
to exit the interpreter.

Output:-

male (peter)

true

father (chris peter)

true

father (chris betty)

false

grandfather (karen-peter)

true

Result

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

EXP NO: 7

Date:

Aim:-

To basic

Procedures

1. Create

the following

and know

2. Open

3. Load

4. Execute

5. View

to each

will

false

6. Exit

O/P:

? -

True

? -

False

? -

True

? -

True

? -

True

? -

True

? -

True

? -

True

? -

True

? -

True

? -

True