

Exp No: 6

PROLOG

date

Aim:

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

Procedure:

- 1) Create a file: Write the knowledge base in text file & save it as family - relations.pl.
- 2) Open prolog: Launch your prolog interpreter.
- 3) Load the knowledge base: In Prolog, load the file using
?- [family - relations]
- 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 (kevin - peter)

true.

Result:

The Program was successfully executed and the o/p is verified.