



PROLOG

Ex : NO : 6

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 a text file and 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

brother ('Peter', 'betty').

false.

sister ('betty', peter').

false.

Result:

The program was successfully executed
and the OIP is verified.

