

Ex 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 a .txt 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 semi colon ; to see more answer.
6. Exit Prolog: Type:
? - halt
to exit the interpreter.

19/11/2024 17:56

Output:

male (Peter)

true

father (Chris - Peter)

true

father (Chris - Betty)

false

grand father (Kevin - Peter)

true.

Result:

The program was successfully executed and the OPA is verified.