

Exp. No: 6

Prolog

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 textfile & 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 (kenia - peter)

true

[Execution - finished]

Result:

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