

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 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_relation]`
- 4) Query the database: Ask queries based on the facts and rules.
- 5) View result: Prolog will return results for each query use the semicolon to see more answers.
- 6) Exit prolog type: `?- halt` to exit the interpreter

o/p: male(peter)

true

father(chris - peter)

true

father(chris - betty)

false

grandfather(kevin - peter)

true

RESULT: Thus the program was successfully executed and the output was verified.