

Experiment No.: 6

Prolog

Aim:

To develop a family tree program using PROLOG with all possible facts, rules and queries.

Procedure:

create a file: Write the knowledge base in a text file and save it as family-relation.pl

open Prolog: Launch your prolog interpreter

Load the knowledge base: In prolog, load the file using

? - [family-relation]

Query the database: Ask queries based on the facts and rules.

view results: Prolog will return results for each query. Use the semicolon; to see more answers.

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 output is verified.