

Ex No:

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 - 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 (petu)

true
father (chris - petu)

true
father (chris - betty)

false
grandfather (Kevin - petu)

true

Result:

The program was successfully executed and the output is verified.