

Exp-10

PROLOG

Aim:

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

Procedure:

1. Create a file: Write the knowledge base in text file & 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 scrollbar to see more answers

6. Exit Prolog: Type:

? - halt

to exit the interpreter.

output: 1 of 1000000

1-9x3

male (peter)

female

father (christopher)

mother (christopher)

father (christopher)

mother

grandfather (lewin-peter)

female

and returned back to

the same structure of

the same structure of the same

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Result

The program was successfully

executed and the output is as follows.