

# PROLOG

Exp. No. 01

Date: \_\_\_\_\_

**Aim:** To develop a family tree programming using prolog with on possible facts, rules and queries.

## Procedure:

1. Create a file: Write the knowledge base a test file and save it as family - relat
2. Open Prolog: Launch your prolog interpreter.
3. Load the knowledge base: In prolog, load file using  
 $? - [ \text{family - relations} ]$
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;  
 $? - \text{halt}$   
 to exit the interpreter

Output:

Male ( Peter )

True

father ( chris - peter )

True

father ( chris - better )

false

grand father ( kevin - peter )

True

Result:

Thus ~~the~~ the prog program was  
Successfully executed and the O/P is verified.