

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_relation.
2. Open prolog: Launch your prolog interpreter.
3. Load the knowledge base: `?-[family_relation]`
4. Query the database
5. View results
6. Exit Prolog: Type: `?-halt`

Output:

`male(peter)`

`true`

`father(chris-peter)`

`true`

`father(chris-betty)`

`false`

`grandfather(Kerin-peter)`

`true`

~~RESULT:~~ The program is successfully executed and output is verified.