

Ex No: 7

Date

## Introduction to Prolog

Aim:

To learn Prolog terminologies and write basic programs.

### Procedure

1. create a file: open a text editor and save the following knowledge bases as Kb1.pl and Kb2.pl respectively

2. open Prolog: Launch your Prolog interpreter (eg. SWI-Prolog)

3. Load Knowledge Base.

4. Execute queries

5. view result: Prolog will provide answer to each query. if the query is true, it will return true: if false it will return false. You can press ; to see more answer if available.

6. Exit Prolog: Type

? - halt

to exit the Prolog interpreter

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Out Put

? - women (mia)

true

? - plays Air (x mixer (mia)

false

? - Party

true

? - Concert

Error: unknown Procedure: Concert lo

Result:

The Program was Successfully executed & the o/p is verified.