

Ex no: 7

Date

# Introduction to Prolog

Aim:

To learn PROLOG terminologies and write basic programs

Procedure for using prolog with KB1 & KB2

- 1.) Create a file : Open a text editor and save the following knowledge bases as kb1.pl & kb2.pl respectively
- 2) Open prolog : Launch your prolog interpreter (Eg: SWI-Prolog)
- 3) Load Knowledge Base
- 4) Execute queries
- 5) View results : Prolog will provide answers to each query. If query is true, it will return true; if false, it will return false. You can press ; to see more answers if available

6. Exit Prolog : Type:

? - halt

to exit the prolog interpreter

O/P :

? - woman (mia).

true

? - plays Air guitar (mia)

false

? - party

true

? - concert

Error : UNKNOWN procedure : concert / 0

Result

The program was successfully executed and the O/P is verified