<u>FOR MAC -OS</u>

1. Check if SWI-Prolog is Installed

Run the following command in your terminal:

Command :- *which swipl*

If it returns a path (e.g., /usr/bin/swipl), then SWI-Prolog is installed, but it might not be in the PATH.

2. Install SWI-Prolog

On macOS:

Use Homebrew to install SWI-Prolog:

Command:- *brew install swi-prolog*

3. Verify Installation

After installing, verify the installation by running:

Command:- *swipl –version*

This should print the installed version of SWI-Prolog.

4. Add SWI-Prolog to PATH

If SWI-Prolog is installed but not in your PATH, you need to add it manually.

- On macOS/Linux: Add the following line to your shell configuration file (~/.bashrc, ~/.zshrc, or ~/.bash_profile, depending on your shell):

Command:- *export PATH=$PATH:/path/to/swipl/bin*

Replace /path/to/swipl/bin with the directory containing the swipl binary.

5. Make the script executable:

** Before running the below command, change the directory name for Tokeniser, Grammer and Evaluator in the script, as per the location in your system.

   Command:- *chmod +x sopa_runner.sh*

6. **Run the script with the path to your Sopa program as input:**

    Command:- *./sopa_runner.sh path_of_input_to_your_program_sopa*