Hydra

# **Description and Extension**

Hydra is a python-format general-purpose programming language that has the .hd extension in its source file. It is inspired by python, which is short, simple, and easy to read, however, hydra makes the simplicity of python, even more simpler and easier to read with a dynamically typed structure and only three simple data types (float, character, and bit). Hydra also enhances its execution efficiency, unlike python which uses an interpreter the execute line by line hydra takes the source code and executes it all in one go. This language takes the Boa source code and converts it to python programming language format which is more human-readable and user-friendly.

# **Comments**

Hydra follows python-format for commenting on the source code. In order for the user to put a comment on something, they can simply start with putting the # followed by the comment they want to put in the source code file. Same as python multi-line comments should all have to start with # followed by the user comment.

# **Keywords**

List of hydra key words are as follows:

pri