

Chapter 1 : Modules, Comments & pip

Lets write our very first python program.
Create a file called hello.py and paste the below code in it

```
print("Hello World")
```

 → print is a function (More later)

Execute this file (.py file) by typing `python hello.py` and you will see Hello World printed on the screen.

Modules

A module is a file containing code written by somebody else (usually) which can be imported and used in our programs

Pip

Pip is the package manager for python
You can use pip to install a module on your system

→ `pip install flask` installs flask module.

Types of modules

There are two types of modules in Python

- 1> Built in modules → Pre installed in python
- 2> External modules → Need to install using pip.

Some examples of built in modules are `os`, `abc`, etc.
Some examples of external modules are `tensorflow`, `flask` etc.

Using Python as a Calculator

We can use python as a calculator by typing "python" + ↵ on the terminal

↳ This opens REPL
or Read Evaluate Print loop

Comments

Comments are used to write something which the programmer does not want to execute.

↳ Can be used to mark author name, date etc.

Types of Comments

There are two types of comments in Python

1. Single line comments → Written using #
2. Multi line comments → Written using ''' comment '''