

## Chapter 1: modules, comments & pip.

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

(more later)

Print ("Hello world") → Print is a function

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~~ 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 programming <sup>er</sup> does not want to execute

↳ Can be used

to mark

author name, date, etc.



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## Types of Comments.

There are two types of comments in Python

single line comments → written using #

multi line comments → written using `'''` (comment)

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