

Chapter 1

MODULES, COMMENTS & PIP

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First Program

Let us write simple program by making a file hi.py & writing below code inside it.

```
print("Ashlya Tech")
```

Output:

Ashlya Tech

Modules

An module is file containing pre-written codes written by any developer (Like you 😊) which can be imported & used in our programs.

~~Pip~~ example: tkinter, PyQt5, etc

Pip

Pip is the package manager for python provided by python software foundation. You can use pip to install modules in your computer.

official website: www.pypi.org

Install method: pip install PyQt5

To install pyqt5 module

Pip comes with python installation.

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Comments

Comments are used to write something i.e. about code or anything which that programmer do not want to execute.

eg. #Print statement
print("Hello.")

↓ Ignored Line

↳ Executed Line

Output: Hello.

Types of Comments

Comments are of two types that are written below:

- Single line Comment

= written using # which cover only single line.

eg. # Hello — Comment

Ashlyu → Executed

- multiline comment

= written using ''' and ''' which cover multiple lines inside it.

eg. '''Hello Ashlyu
Tech

Viewers '''

↓ become Comment.

↓ No line executed