Ch 1: Comments, escape sequence & modules

The most basic thing is displaying some text in output.

print ("Hello World") → displays Hello World

print → function

"Hello World" → a parameter of 'print' function

Modules :-

A module is a code written be someone else which can be used into our code.

import pandas → Imports this code into our file

pandas.py file will first be checked in the current working directory then in the Python's folder.

Modules are of 2 types :

External modules → download from internet

Built in modules → downloaded while installing Python.

→ eg : os, tkinter, random etc.

→ eg : pyttsx3, opencv etc.

You can install an external mode : pip install numpy

If you try to import any module that is not installed, it produces error.

PIP : package manager of python.

import this
↳ see the code, an interesting module

- Escape sequence characters :-

print ("this is \new") → this is
ew
new line

print ("Py\thon") → Py hon
↳ tab space

print ("Hello "guys") → {error}

print ("Hello \"guys") → Hello "guys

- Comments
These are the line(s) which won't be executed by our code. These may contain information about author or a function which is to be ignored.

- Types of comments :-

i. Single line comments

Anything written after '#' will be ignored and will be a single line comment.

```
# This is a comment which is ignored.
```

ii. Multi line comment

Anything written in """------""" will be treated as a multi line comment.

* You can also use single line comments many times but to do the same, multi line comments are effective

```
'''
Author : Billu
Location : Mars
'''
```

single quotes can also be used!

Tip : Try using print("\a") in REPL

Also try to use REPL as a calculator

```
>>> 48+32
80
```

```
>>> 4**2
16
```

```
>>> 7*9
63
```

```
>>> 27/3
9.0
```