Content 2

**Modules Comments and Pip**

**Let’s 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 a package manager for python. You can use pip to install a module on your system.

E.g. pip install flask (It will install flask module in your system)

##### **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” + **TO DO**on the terminal. [It opens REPL or read evaluation print loop]

##### **Comments**

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

Comments 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 # (pound/hash symbol)
2. Multi-line comments – Written using ‘’’ Comment ‘’’ or “”” Comment “””.