

PYTHON PROGRAMMING WORKSHOP

DAY – 1

1. Hello World in Python

Open Python in Interactive Mode by typing `python3` in terminal.

Type ***print (“Hello, World”)*** + ENTER

```
Python 3.6.4 |Anaconda custom (64-bit)| (default, Jan 16 2018, 10:22:32) [MSC v.1900 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> print ("Hello, World")
Hello, World
>>>
```

#2. Basic Mathematical Operations

```
>>>
>>> 10 + 20
30
>>> 30 - 100
-70
>>> 3 * 9
27
>>> 3 / 9
0.3333333333333333
>>> 9 // 3
3
>>> 9 % 5
4
>>> 3 ** 3
27
>>> _
```

** represents the power

#3. Variables in Python

```
>>>
>>> a = "Some Random Text"
>>> b = "Some Other Random Text"
>>> a + b
'Some Random TextSome Other Random Text'
>>>
>>> a + " " + b
'Some Random Text Some Other Random Text'
>>>
>>> x = 100
>>> y = 22
>>>
>>> z = x * y
>>> z
2200
>>> print (z)
2200
>>>
>>> print ("Value of 100 * 22 is", z)
Value of 100 * 22 is 2200
>>> _
```