

## Worksheet#1 : Preliminary Activities

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### 1 HELLO, WORLD!

Follow these directions to execute your first program:

1. At the prompt(> > >), type the following command:

```
>>> print('Hello , World!')
```

2. Press Enter
3. Check that your screen displays: Hello, World!
4. If not, look carefully at what you typed for step 1 and try again.

## 2 BASIC ARITHMETIC OPERATIONS: +, -, \*, /, \*\*

Perform the following operations in Python. Write your result in the space provided:

- A.  $40 + 2 =$  \_\_\_\_\_ C.  $6 * 7 =$  \_\_\_\_\_ E.  $84 / 2 =$  \_\_\_\_\_  
B.  $43 - 1 =$  \_\_\_\_\_ D.  $6 * 2 + 6 =$  \_\_\_\_\_ F.  $6^2 =$  \_\_\_\_\_

Observe that +, -, \*, and / are conventional addition, subtraction, multiplication, and division.

1. What operation is \*\* ?

\_\_\_\_\_

2. Do you notice any other differences among your answers? If so, what & why?

\_\_\_\_\_

\_\_\_\_\_

3. Can you guess what ^ is?

\_\_\_\_\_

4. Try combining different numbers with the binary operator ^, and see if you can get two different types of errors (e.g., [blank] Error). Write the error types below:

\_\_\_\_\_

\_\_\_\_\_