

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

INTRODUCTION TO PYTHON

A. Guess who am I

1. I am an operator used to assign the value of the right expression to the left operand.
2. I am an operator used to evaluate and decide.
3. I am an operator used to compare the value of the two operands and returns True or False accordingly.
4. I determine the order in which the operators are executed.

B. Write the output of the following program:

- a. # Python program to demonstrate
logical not operator

```
a = 10
```

```
if not a:
    print("Boolean value of a is True")
```

```
if not (a%3 == 0 or a%5 == 0):
    print("10 is not divisible by either 3 or 5")
else:
    print("10 is divisible by either 3 or 5")
```

- b. # Python program to demonstrate
logical and operator

```
a = 10
b = 12
c = 0
```

```
if a or b or c:
    print("Atleast one number has boolean value as True")
else:
    print("All the numbers have boolean value as False")
```