ORANGE

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

CODEGPT
Ver. 4.0

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
# 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
# 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")
```

Grade: ☆ ☆ ☆ ☆ ☆   Teacher's Signature: _____