PYTHON LAB = 2

Q.1 Write a program for arithmetic operators.

```
Sol.
a = 7
b = 2
print ('Sum: ', a + b)
print ('Subtraction: ', a - b)
print ('Multiplication: ', a * b)
print ('Division: ', a / b)
print ('Floor Division: ', a // b)
print ('Modulo: ', a % b)
print ('Power: ', a ** b)
                         ------ RESTART: C:/Users/narut/Desktop/New folder/Assignment2.py ------
Sum: 9
Subtraction: 5
Multiplication: 14
Division: 3.5
Floor Division: 3
Modulo: 1
Power: 49
>>>
Q.2 Write a program for assignment operators.
Sol.
a = 10
b = 5
a += b
print(a)
                                      ======= RESTART: C:/Users/narut/Desktop/New folder/Assignment2.py =======
```

```
Q.3Write a program for Bitwise operators .
```

largest = num2

else:

Q5. Calculate the area of a circle.

```
radius = 5
pi = 3.14159
area = pi * (radius ** 2)
print("The area of the circle is ", area)
                              ----- RESTART: C:/Users/narut/Desktop/New folder/Assignment2.py ------
Q6. Calculate the area of a triangle.
a = 5
b = 6
c = 7
s = (a + b + c) / 2
area = (s*(s-a)*(s-b)*(s-c)) ** 0.5
print('The area of the triangle is ', area)
The area of the triangle is 14.696938456699069

>>>|
Q7. Calculate the area of a triangle.
width = 4
height = 5
Area = width * height
print("Area of rectangle = ",Area)
```

Q8. Calculate the area of a square.

```
side = 5
area = side ** 2
print("The area of the square is:", area)
```

The area of the square is: 25