Home Work II (Day 3)

Relational and Assignment operators

1. What is the output of

print (2 \*\* 3 \*\* 2)

output:

512

2. What is the output of

print (2 \* 3 \*\* 3 \* 4)

output:

216

3. What is the output of

print (10 - 4 \* 2)

output:

2

4. What is the output of the expression

print (-18 // 4)

output:

-5

5. What is the output of

print (2%6)

output:

2

6. What is the output of the following code

x = 100

y = 50

print(x and y)

output:

50

7. What is the value of the following Python Expression

print(36 / 4)

output:

9.0

8. What is the output of the following code?

var1 = 1

var2 = 2

var3 = "3"

print (var1 + var2 + var3)

output:

print (var1 + var2 + var3)

TypeError: unsupported operand type(s) for +: 'int' and 'str'

9. What is the output of the following code?

p, q, r = 10, 20 ,30

print(p, q, r)

output:

10 20 30

10. What is the output of the following code?

valueOne = 5 \*\* 2

valueTwo = 5 \*\* 3

print(valueOne)

print(valueTwo)

output:

25

125

11. What is the output of the following code?

var = "James" \* 2 \* 3

print(var)

output:

JamesJamesJamesJamesJamesJames

12. What is the output of the following

x = 36 / 4 \* (3 + 2) \* 4 + 2

print(x)

output:

182.0

13. What is the data type of

print(type (10))

output:

<class 'int'>

14. Creating an int variable, float variable, string variable and assign the

values to the above three variable names.

Program:

import time  
Name="Krish"  
Age=21  
Height=5.1  
print(type(Name))  
print(type(Age))  
print(type(Height))

output:

<class 'str'>

<class 'int'>

<class 'float'>

15. Create Integer number

Roll number is: 33

<class 'int'>

25

<class 'int'>

PROGRAM:

import time  
A= 25  
print(type(A))

OUTPUT:

<class 'int'>