**MODULE-2 OPERATORES**

**Please implement by using Python**

1. A. Write an equation which relates 399, 543 and 12345

ANSWER:-

399 , 543 & 12345 are divisible by 3.

399/3=133.

543/3=181.

12345/3=4115

if x = 12345 ; y = 543 and z = 399

then x= 22y + z

Alternatively Mod(https://tex.z-dn.net/?f=%5Cfrac%7B12345%7D%7B543%7D) = 399

B. “When I divide 5 with 3, I got 1. But when I divide -5 with 3, I got -2”—How would you justify it. If we do,

5/ 3 = 1.66….

-5/3 = -1.66….

When I divide 5 with 3, we multiply 3 to \_1\_ and reminder will be 2 .but

, when I divide -5 with 3, we multiply 3 to \_-2\_ and reminder will be -1

2. a=5,b=3,c=10.. What will be the output of the following:

A. a/=b

Ans = 1.6666666666666667 ( a = a/b -> a/=b )

B. c\*=5

Ans = 50 ( a = a\*b -> a\*=b )

1. A. How to check the presence of an alphabet ‘s’ in word “Data Science” .

Ans-

word = "Data Science"

word.count("S")

"Data Science".count('S')

B. How can you obtain 64 by using numbers 4 and 3 .

Ans - 4\*\*3