Task 1(a): Running Python Script and various expressions in an interactive interpreter. Aim: To son Python script and vasious expressions in an interactive intropreter.

a. create a python program to enter two. numbers and then performs and displays the results of the following operations: addition, subtraction, multiplication and division.

## Algorithm:

- 1. Start.
- 2. Get the two numbers and store Pt in. vasiable x and 1.
- 3. for addition do, x+x and paint it.
- 4. For subtraction do; x-X and printit.
- 5. For multiplicationdo; X\* / and Print it.
- 6. tox Division do; X/ and Paint it.
- 7. Stop

context the first inmber: and executive -Enter the Second number: Addition: it sould not in socion states Subtraction: mortiplication of the contrate of stores is Division: 2 fed of new tons exaction have cultoslifthen, not seather, with Those 17 E 200 16 con Mouple, to soite kno exertmen out ext top org born V-riol not onless wat in \*x, obish stything sit trimer Fine DX (IA) LOGING - DE-10

Bragani. X= 4nd 1"+ntex - the first pumber x")} X = int (input ("thter the first number:")) y = int (input (" totes the second number:")) add = x+x Sub = X-X Dao = Xx X div = x/1 Trênt ('Addition; "add) Print ("Subtraction: ", Sub) PSiA ("mothflication: "Pso) Print ("Division:" div).

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TOTAL (10)	AND ADDRESS OF THE PARTY OF THE

PesoH: Thus, the two numbers and then Pexforms the operation of addition, subtraction, multiplization and division was successfully completed,

Tock: 16)

Create a Python program to enter two norebess and then pestosms and displays the results of the tollowing relational expression: (>,< ==== /= /= /= /=).

Algorithm:

1-Stax+

2. Get the input from the uses and Store it in a, bgc

3. Perform the relational operations (i.e, 7, ८,=,==, !=,>=,<=).

4. Paint the results.

Stop

( dir size) Output: -Enter the first number : 6. the & the second number: ]. enter the third number 18 627 is false. 667 is Trove. 8== 6 ?s false. 8127 25 7800,00 1 1997 914 1990 6>=7 is false page of 19 exets 7<= 6 5 false 

badacies:

# Pretalizing the value of a bande.

a = infliment ("Enter the first number!")

b = int (input (" totes the Second number!"))

c - int (input ("tites the third number."))

# using relational operators.

Point (a," 5", b, 113", a>b).

Print (a,"¿",b,"is", acb).

Print (c,"=="19",18", (===a)

Paint (c,"!=",b,"is",c|= b).

Print (a,">", b"is", az=b).

Point (b," <="10/"is", bc=a).



"Result: - Thus, the two numbers and then! perform the all relational operations was. executed and successfully completed.

Tack: (CC) create a Python program to enter three numbers and then performand. distribus. The result of the tollowing logical operations; and , or , not .

1. Stax +

2. Gret the input from the used

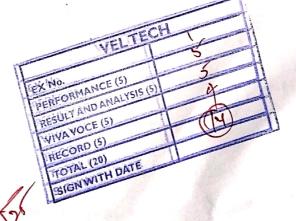
3. Perstam the logical operations on the Popol.

4. Pant the results.

5. Stop.

Enter the first merper: 6 Ented the second nomber: 7 Enterothe ! third nomber: 8: 3101 logical operations Results: false. false

Jeodraw; # Taking three numbers as input a = int ( input ("Enter the first number;")) b= int (input ("trites the second number") c = int (input ("Enter the third number;")) # performing logical operations. Point ("in logical operations resolts:"). Print ((a>b) 08(b>()). Paint (not (a>b)) [ Paint (not (b>c)).



Result! - This of he three numbers, and then Textorn the baseal operations and los not operations was excuted and somessfully completed.