Task-1:- Running . Rythen Script and vorious expression in an interactive interpreter Ender the Mist Rumber:

Aim:

To run python Script and various expressions 11 Militaka in an interactive interpreter

a. Create a python program to either two numbers and then penforms and displays the result of the following operations: additions, subtraction, multiplication, and division.

Algorithm:

- 1- Start
- 2. Get the two numbers and store it in variable x and y.
- 3. For Addition do; x+y and pritt it.
- 4. For subtraction do; x-y and print it.
- 5. For Multiplication do; x x and print it.
- 6. For Division do x/y and print it.
- 7. Stop.

has those notific primari states Output.o Enter the First number: 5 Enter the second number: 6 Addition: 11 whosprani antocolori un la Subfraction: -11: of more on action a change Moltiplication: 30 years it has surder north bine Division: 0.83333333. matropla + 100/24 aldorrow mi fi and stone some out at take to bring by o yex job nottibba not is if for subfaction do: x-x and print it. sites Midhication do: x x and point it. for pring do x/4 and mind it Program: X = int(intput("Enter the First number: "))
Y = int(input("Enter the Second number: "))

Y = int(input("Enter the Second number: "))

Y = int(input("Enter the Second number: ")) add = X+ y Sub= X-4 908 et 353 pro= x * y Live x/x print ("Addition: ", add) print (" Subtraction: 11, sub) print (" Multiplication: ", pro) print ("Division: ", div)

Output:

Ender the First number: 5

Enter the second number: 6 Enter the Third number= 7

5>6 is Folse

516 is True

7==5 is False

71 =6 is True

5>=6 is False

61 = 5 is Folse

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b. Create a python program to evither two number and then performs and displays the results ? of the following relation expression: 21/57/1=7/5

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typical vertorgo longer

Algorithm:

- 1- Start
- 2. Get the input from the user and store it into blc.
- 3. Perform the relational operation (i.e, xx,=,==,!=?==, 12).
- 4. Print the results.
- 5. Stop.

Program:

Initializing the value of a, b, and C.

a = int (into (" Enter the first number: "))

b=int(input("Enter the second number: "))

e: int (input (" Enter the Third number: "))

Using relational operations

print(a, ">", b, "ist, asb)

print (a, "x", b; "is", oxb)

print (c, "==", "is", c!=b)

print(a, ">=", b, "is", a>= b)

print (b, "x=",a,"is", bx=a)

Output: - my ways as maying and his Enter the First number: 5 Enter the second number: 6 Enter the Third number: 7 : multiragely logical operation results. Folse H made has race with made togni of too , False True mitorgo Lovetteler at modern in true! whose sto bird of :/worport # Tritible day the value of a, b, and C. ((" eved more beef att volve? ") forfri) toll an be int (input (" Enter the second number: ")) ((" credit bride the third mumbers")) Everyo relations operations (dea, 1/21", d. "c", a) thing (dx0, "ci" id"x",0) tolg (d=10,"21","== "0) Ding (d=co, "e" ,d, "= e" ,p) thing prod (6, "x = ", a, "is", bx=a)

c. Create a python program to enter three numbers and then performs and displays the results of the following Lagical operations: and, ox, not.

Algorithm:

- 1. Stort.
- 2. Get the input from the over.
- 3. Perform the logical operations on the inputs
- u Print the results.
- 5. Stop.

Program:

Taking three numbers as import

as int (input (" Enter the First number!"))

b= int (input(" Enter the second number:"))

e= inptinput (" Enter the Third number:"))

Performing legical operation.

print ("InLogical operations Result:")

print((a)b) and (b(c))

print (((> b) 0 x (b > C))

print(not(asb))

print(not(b>c))

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Resolt:Thus, the python program to run python script and various expressions in an interactive was done successfully and the output was verified