Task 1- Ruming Python Script and Various expressions in an interactive interpreter

Aim:
To run Python Sexipt and Various expressions
in an interactive interpreter

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

7==6 is THE

5>=6 is folly

Algorithim+

1. Start

7. get the two numbers and store ptph variable 'esc' and's'

3. for addition do x+y and print it 4. for subtraction do x-y and print it

5. For Division do of and print it 6. For multiplication do of any and print it

7. Stop.

Pagram;

a = int Cinput ("enter"))

y = int Cinput ("Fotes the second numbers"))

add = xty
Sub = xty

mull = xty

Div = x/y

Point ("Addition", add)

Point ("Subtraction"

Point ("subtraction" sub)
Point ("multiplication" pro)
Point ("Division" div)

enter the first numbers = 2

Enter the second numbers = 3

Addition = 5

Subtraction = 1

multiplication = 6

Division :0.66 & 666

b) create a python program to enter two numbers and then penfroms and displays the results of Alganithm: 9. 3000 MIN PORODS OUT - 00313 1. Stant from the use and a copies 7. Let the input stone in a,640 copy figor story 3. perform the relation operations. 98201 i.e >< E, ==, i=; >>, (=) policie 1 9 DYJ 4. Print the results. 9065 S. Stast Program: # initializing the value of a,b, and (a = int cinput ("Enter the first numbers")) b = int linput l'Enters the second number 1) C= int cinput("Enter the ethird number")) Hinusing orelational operators posint (a, " > ", b" is", a>b)

Posint (a, ">", b" is", a>b)

Posint (a, "2" b, " is" a 2b)

Posint (c", ==" a" is 'c==a)

Posint (e",!=",b," is", a>=b)

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

Posint (b, "==" a" is b=a)

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"out plut" with the said sound in the
 enters the first numbers:s.
 entest the second number:6
  enters the third numbers: 2 milionosa as
Sob is false and and stores (
  526 is true sanitorego parvollas su
  7==s is false
         7==6 is mue
         5>=6 is false
                                     4 mosts J
  Magnos 19 39 promo sistemen out on top p
                                   Esc ardy
         3. 100 addition do nety and point it
         4. 1000 Eu Disaction. do sey and paint it
            s rose vivision do ses and print it
        6. For multiplication to any and mint it
                      a: int cinque ( solen ?)
         4 int cinput C'Enter the second numbers))
                               VKS : Ilum
                               ole via
                      (bloo " aditible") faired
                     Rount ( "subtraction" sub)
                     wing ("nothiplation") pro)
                       Point ("Division") div)
```

out put; (A .)

enter the first numbers s

enter the second numbers: 6

enters the third numbers: ?

logical operations results:

3. Peo tomo tel mation officers. False

Palse

(-1,00,01. -, 300 9.1

Trae physpor and thin . True

S. Sta. 7. t

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et initializing the value or colonado a= int cinput coentess the first numbers? b - int lineut l'entan the second number") C= int cinput ("Epten the sthird number")) stotorogo lonoitales prizunit

(dep." b" is", asb)

Porint (a, "2" b, "is" a 2 b)

(0) 10 (c) == 0 (is 'c== a)

Posint (e. (="16," 15", a)=6)

coint la": " D. Mis, a sel

(c) " == ", a" is beea)

Ocreate a python to another enless thomas numbers and then performs and displan the results of the following logical operations and orinot proposithim:

- 1. Stant
- 7. Let the input from the Juses
- 3. Periform the logic and of operations on the

4. print the result S. stop.

Program;

Taking those numbers as input
as int cinput ("Enter the first numbers))
b= int cinput ("Enter the second numbers))

peopforming logical operations.

Printl' dogical operations results: ")

Printl (a>b) and (b>c))

Print(tarb) or (brc))

Print cnot (a>b)

print (not (boc))

WELTER	
X No.	
ERFORMANCE (5)	
ESULT AND ANALYSIS (5)	5
AVAYOCE (5)	1
RECORD (5)	9,0
TOTAL (20)	18 1
SIGN WITH BATE	1000 TO

Result: Thus the python program run python

Possipt and various experssions in

texactive output leas verified.