Task 1: Running Python script and Voscious expressions in an interactive interpreter

Mirm: To sun python script and various expression in on interactive interpreter Mgorithm:

1. Start

2. Get 2 numbers and store in variable & and &

3. For addition do; xty and print

4. For subtraction do; x-y and print

5. For multiplication do; sc * y and print

6. For division do; X/y and print

7. 8top

Program

X = int (input (" Enter the first number: "))

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

add = 2 +y

846 = x-y

Pro = x + y

div = x/y

Print ("Addition: "add)

Output

Enter the first number = 5 Enter the second number = 6

addition : 11

subtraction: -1 (sur a strain)

nultiplication 1300

Divivision: 0788333333334

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Print ("subtraction: "sub) Print ("rulliplication: "Pro) Print ("Division: div) . Evente a python program to enter I num and then perform and display the results of the following expressions: >, <, == , 5, 27, <= Magazithm galag 1. Start 2. Get the input from the user and store it in a, b & c 3. Perform the relational operators 4. Print the results. 5. Stop Pro grams a = int (input ("Enter the first num!)) b: int (input ("Ereter the second num:")) c: int (input (" Enter the third num:")) Print (a,">", b,"is", a>b) print (a, " L", b, "is", a L b) Print (c. "==", a, "io", c== a) Print (a,">=", b, "is", a>=b) Print (b, " = ") a, " is", b < = 0)

output

Enter the first number 15 Enter the second number 6 Enter the third rumber: 7 576 is false 7== S is False 566 is True 7! = 6 is Frue so see to the mid who will se 5 >= 6 tas q Fallere 800 115 months on the original of 6 4: 5 is false as with it Dear 114 in a time. I x is a most of the qata

Il set must take with sut . 3 1) 5) for a si (. H ... & some or this programy to a

c. create a python program to enter three rum boxs and then perform and display the results of the following logical operations. Algorithm 1. Stoct 2. Get the input from the user 3. Perform the logical operations 4. Print the results. 5. stop. Pro gram a = int (input ("Enter the first num:")) b = int (input ("Enter the second nums:")) c = int (input ("Enter the third num: ")) Print ('In logical operations Results ") Print ((asb) and (bsc)) Print ((a>b) or (b>c)) Print (not (a >6)) Print (not (b>c)) PERFORMANCE (5) RESULT AND ANALYSIS (5) Result: Thus, the python program ito 4150 script and various expression in an interacti interpreter was done & weeks fully and the output was verified.