Task 1: - Running python script and various expression in an interactive interpreter

Aim - To run python Script and various expressions on an interactive interpreter a create a python program to enter two numbers and than performs and displays the results of the following operations addition, Subtration, multiplia tion and division and only were

Algorithm;

1) Start get the two numbers and store Pt en variable ex' and y'

3) for addition do XTY and Print it

4) Por Subtraction do X-x and wint it

5) for devision do x/y and print it

6) Por multiplication do xxy and print

Program: - X= int Cinrut ("Enter the First number") Y= int (input "Enter the second number")

add = X+X Pbo = X*x 9Ub = X-Y dix = X/Y

Print ("Addition" add) print (" subtraction"; SUD) yoint (" multiplication " Ph) grint ("pivision" Div)

ABORATORY

Enter the First number=2

Enter the Second number=3

Addition = 5 Subtraction = 6 MultiPliCation = 6.66666

Enter the First number = 5

Enter the Second number = 6

Enter the third trumber = 7

5 > 6 is false

7 = = 5 is false

7 := 6 is The

5>=6 is False 61=5 is False

end; days well by fall

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b) Create a python program to enter two numbers and then performs and display the results of the following relations as expression Enter the > 3 - 50 Trimite = 915 Algorithmian sun som 1) Stadt 2) Get the input from the uses and store it in a, b 4 c 3) Perform the relation operations (i.e >>= == i= = i= = >7/2) 4) Print the sesuits 5) Stop Poogsam: # initializing the value of a, b fc a = int (input ("Enter the First number")) b = int (input ("Enter the second number")) (= int-Cinput("Enter the Third number")) # Using relational operators print (9, ">"b, "s", 4 26) innt (a, "<" b, "is", a <b) print ((, " = = ", a, "is", (==a) Print (C," != ", b, 11 is", a>=b) print (a,", "==",b,"is", a <=b) Print (b, 1' <= ", a' is", b == a)

ord then remains one of the thomas Enter the First number = 5 Enter the second number = 6 Enter the third number = 7 logical operations results; = False notable of proper & Extine Sinson of July 4 - brothald A mitianship the racks of airte a = int confut cutings the first menter my b= mt (innot ("Enter the second number") (1. 12 (1. 12 12 14 14 14 14) JULY JULY =) # USING iclotional apparent Mint (9, 12, 12, 18, 6 31) 1994 (a' 1, 9, 1, 8, 0 19 1. 20 Print (("==", 0,":5" (== a) Plat (C. " 1= " b, "; c" a>= b) 19-26,51, 19, ==1, 1, 0) 3400 Mark 18 11 2= 1, d' 31, p== a) C) Create a python program to enter three numbers and then perform and display the results of the following logical operations & or, not Algorithm :-1). Start 2) get the input from the user 3) perform the logical and of operations on the inputs 4) Point the results 5) Stop program -# Taking three numbers as input a = int(input ("Enter the First number") b = int (input (" Enter the second number") # proming logical operations Print ('logical operations results:") Print ("(a>b) and (b>C)) Print ((a)b) of (bec) VELL Wint (not (a>6)) ALANGAMANCE Print (not (b>0) Result: Thus the Rython Physlam to 4874 Python script and various expressions an an enteractive output was verified.