Task 1: - Running python scaript and various expressions in an interactive interpreter.

Aim: To sun python scalipt and various expressions in an interactive interpreter.

a reduce beith set noting a.) coaste a python program to other two numbers and Hen performs and displays the nexults of the following operations: addition, substraction, multiplication, and dission.

3) = 6 B bour

Eldogithu; -

1. Stool.

3006 115 Colse 2. Get the two numbers and stone 31.30 variable or and y.

3. For addition do; sity and posint it.

4. For subtrocker dos, only and posint it.

5. for multiplication do: 82* y and point it.

6. For Birision do; orly and point it.

7. Stop.

basodaom,-

DE : "Int ("Input ("Enter the Book number:"))

y: "int ("Enter the second number:"))

add = 81+7

sub = 27-7

600 : 85 x y

BN = 210

porint (" Addition: " add)

porint ("subtraction:", Sub)

point ("mulkp (icakon:", poro)

porint ("Bivision:", der)

Subtraction:

Enter the Rost number: 5

Enter the second number: 6

Addition:

Subtraction:

11

Multiplication: 30

2 miligian : 0, 8333333333333333

pi) create a python program to enter two numbers and then performs and displays the secults of the following subharal empression: 7, 4, ==, !=, 7=, 4= reaction torost out restrict Algorithm: below the second number: 6 1. Stanl-2. bet the input from the user and store it in a, b&c 3. perham the additional operations (".e. to 126, 15 1 15 2) selo 4. point the oresults. self 5. 8top SUET! brodraw: SULOT. # "Atali Eing He value of a, b, and c as 3rt ("mput ("Enter Ha Rost number;")) · b = "int (" Enter the second number:")) c = 3th (input ("Fiter the HE.ord number "")) # using rebroad operations point (a," >" b, "?s", a>b) Point (a," <", b, "is", a < b) Point (c, "=="a, "?s", c == a) pount (c, ":= "b, "is", c!=b) point (a,">=", b," 38," a>=b) pount (b, "z=", a, "?s", bz=a)

output in in spece nother permiss · reduced as sufferential of more Enter the Rost number = 5 Enter the second number = 6 mothing none on in wherethe interpreter. Enter the third number = 7 spring norther portin 5 2 6 is halse groball and dispose 5 c 6 "is Torue Alamie addition, substances 7== 5 % False 7! = 6 % brue " my son 50 - 15 = 6 "is false 6 < 25 38 Palso bus engelmen out sty you 15 Jaston do: 8541 and postate ?6. in substitution dos one oud posinte it. " 15 40 god on 6 4 28 50 and popul it. ((" Enter the Book on the first the ((" super (" Entern the second owners")) C+15 3 101 1, + 56 2 399

c.) Coreste a python program to exten three numbers and then performs and deploys the results of the following togical operations: and, on, not.

Algorithm:

1. Stool

2. Get the input from the users 1:5 treates a

3. perform the logical operations on the inputs.

u. posint the sesults. 00, stook, on

5. Stop.

· a a spoor soll.

boodsow: -

Taking Hose numbers as input

a: int (input ("Enter He Rost number:"))

b: int (input ("Enter He second number:"))

c=int (input ("Enter He Third number:"))

potorming logical operations

point ("In logical operations results:")

point ((a>b) and (b>c))

point (not (a>b))

point (not (b>c))

Result: -

Thus, the Python poogsom to our Python Scoret and veolines especialisms in an interactive interpreter was don successfully and the output case verified.



out put :-Enter He Rost number : 5 Enter the second number = 6 Enter He Hand number : A tugos on logical operations Results: London M False false He overalles Touc Torue Though Eng He where of a, b, orde (" contract (" Enton the frost nombos: ") (("Entred the second rember:") ((" Forter He History ") & montes ") arostorajo borotoloro Roma (des, "s", o' "e", a) / 6 (dsp. "s" d "s" (a) file (D== 0 72 50, 0, 2= " 0) + 16) (dais "ar", d"=!", 2) 400 (d; ep; ep; d; e; e) (023d "04" 0"25" o