

* Program :-

```
x = int(input("Enter 1st number:"))  
y = int(input("Enter 2nd number:"))
```

```
add = x + y
```

```
sub = x - y
```

```
mul = x * y
```

```
div = x / y
```

```
print("Addition:", add)
```

```
print("Subtraction:", sub)
```

```
print("Multiplication:", mul)
```

```
print("Division:", div)
```

Output:-

Enter the 1st number : 5

Enter the 2nd number : 6

Addition : 11

Subtraction :- 1

Multiplication :- 30

Division :- 0.83333333334

Date: 28/7/25

TASK 1
Running Python Script and Various expressions in an interactive interpreter.

Aim:- To run python script and various expressions in an interactive interpreter.

• Create a python program to enter two numbers and then performing and displaying the result of the following operations: Addition, 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 print it.
4. For subtraction do: $x - y$ and print it.
5. For multiplication do: $x * y$ and print it.
6. For Division do: x / y and print it.
7. Stop.

initialization

*P

```
a = int(input("Enter the first number:"))  
b = int(input("Enter the 2nd number:"))  
c = int(input("Enter the 3rd number:"))
```

using relational operators:-

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

Output:-

```
Enter the first number : 5  
Enter the 2nd number: 6  
Enter the 3rd number: 7
```

```
5 < 6 is false  
5 <= 6 is True  
7 == 5 is false  
7 != 5 is True  
5 > 6 is False  
5 >= 6 is False
```

- Create a python program to enter two numbers and then performs and displays the results of the following relational expressions:
 $>$, $<$, $=$, \neq , $!$, \geq , \leq , $>=$, $<=$

Algorithm:-

1. Start
2. Get the input from the user and store it in a, b and c.
3. Perform the relational operations
4. Print the results
5. Stop.

* Program:-

```
a = int(input("Enter 1st number:"))
b = int(input("Enter 2nd number:"))
c = int(input("Enter 3rd number:"))
```

Print ("\n Logical operations Results:")

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

print((a > b) or (b > c))

print(not (a > b))

print(not (b > c))

Output:-

Enter 1st number:- 5

Enter 2nd number:- 6

Enter 3rd number:- 7

Logical operations Results :

False

False

True

True

• Create a python program to enter three numbers and then performing and displaying the results of the following logical operations: and, or, not.

Algorithm:-

1. Start
2. Get the input from the user
3. Perform the logical operations on the inputs.
4. Print the results.
5. Stop.

VELTECH	
EX No.	
PERFORMANCE (%)	
RESULT AND ANALYSIS (%)	
VIVA VOCE (%)	
RECORD (%)	
TOTAL (%)	
SIGN WITH DATE	

VELTECH	
EX No.	
PERFORMANCE (%)	
RESULT AND ANALYSIS (%)	
VIVA VOCE (%)	
RECORD (%)	
TOTAL (%)	
SIGN WITH DATE	

Result:- Thus, the python program to run python script and various expression in an interactive interpreter was done successfully and the output was verified.