DAILY TASK
C#

1.

Registration Form

Mr.Thomas is developing a registration form using C#.

Customers will give his details. Get the details and display the same as registration details.

Sample Input 1:

Enter your name : Leone

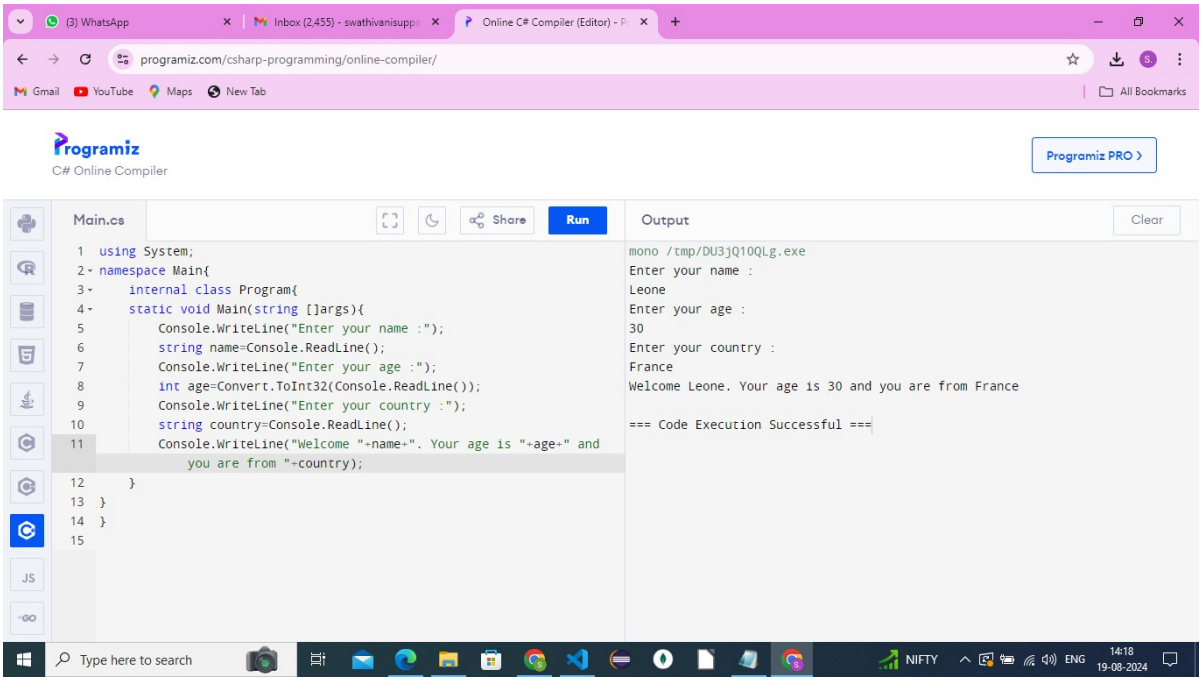
Enter your age : 30

Enter your country : France

Sample Output 1:

Welcome Leone. Your age is 30 and you are from France

OUTPUT:



2.

Find Square and Cube

Write a C# Program to compute the square and Cube for a given number.

Create the following methods.

- Create a method **FindSquare** that returns the square of the given number.

FindSquare method should accept a single parameter of type double and return a double value

- Create a method **FindCube** that returns the cube of the given number.

FindCube method should accept a single parameter of type double and return a double value

From the main method prompt the user to enter a number and display the square and cube of the number.

The method signature should be as below

static < return type> <FunctionName> (<data type> parameter)

Sample Input

Enter a Number

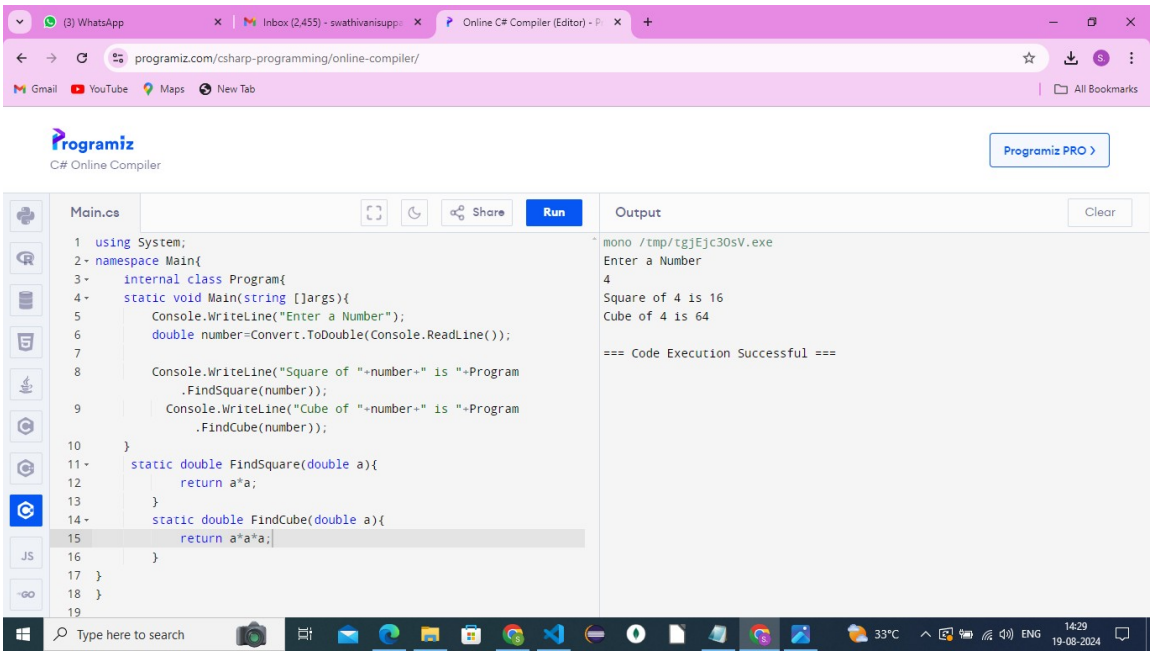
4

Sample Output

Square of 4 is 16

Cube of 4 is 64

OUTPUT:



3.

BooleanResult

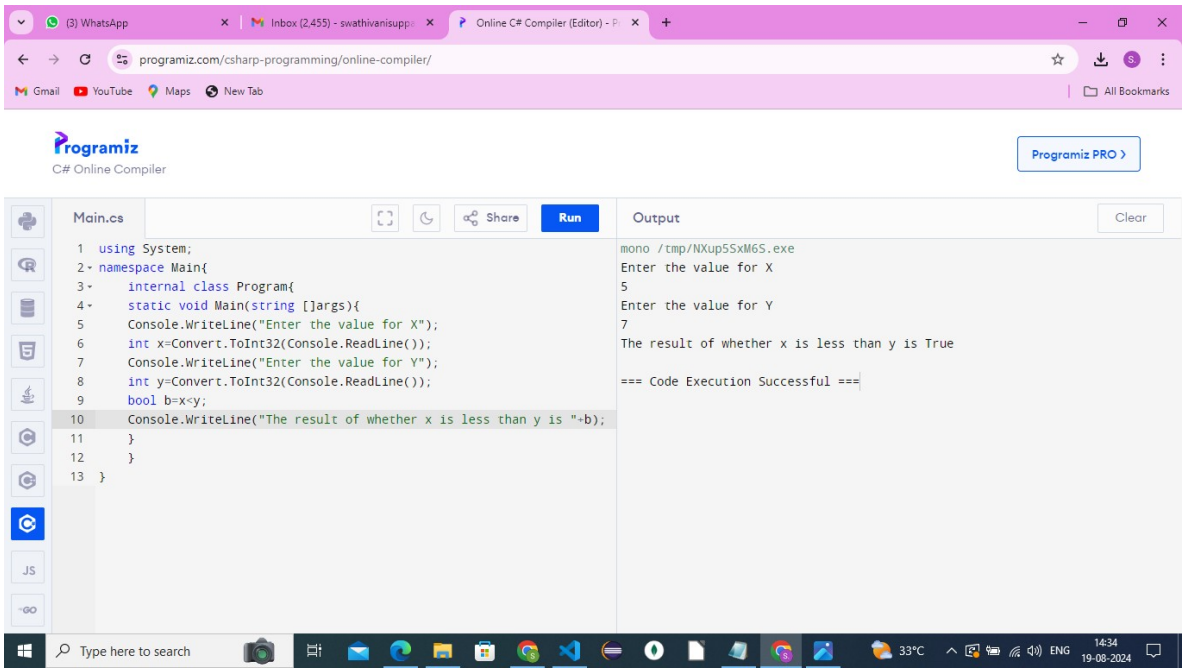
Write a C# program to compare two numbers and print which number is lesser than the other.

Declare two variables an int x and int y. Obtain the value from the user for x and y. Write a program which tests whether *x is less than y*, storing the boolean result of this test into a bool variable named result. Print your findings, out to the console as given the sample output.

Sample Input:
Enter the value for x
5
Enter the value for y
7

Sample Output:
The result of whether *x is less than y is true*

OUTPUT:



4.

Generate Bill Details

Django multiplex is developing application for its cafeteria. The application should be able to calculate the bill details for the following scenario. You bought pizzas, puffs and cool drinks. Consider the following prices :

Rs.200/pizza
Rs.40/puffs
Rs.120/pepsi

Generate a bill.

The bill details must include the total cost of pizzas, total cost of puffs and total cost of pepsis. Calculate the grand total and display.

Display the GST and CESS amount. GST is 12% and CESS is 5% of the total price.

Sample Input 1:

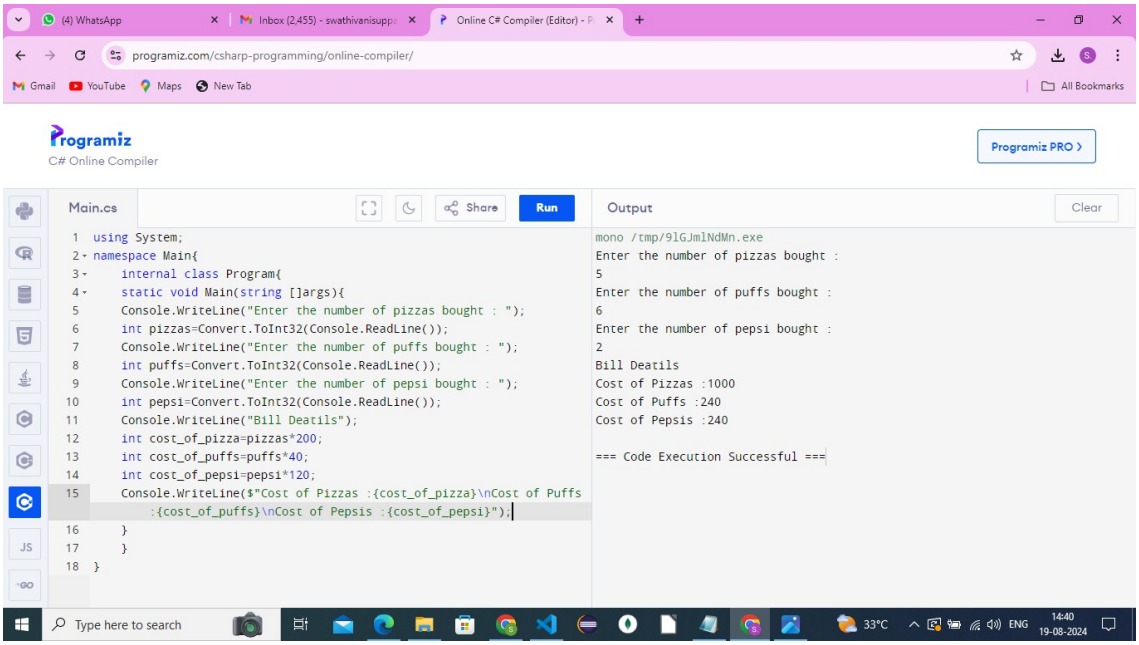
Enter the number of pizzas bought : 5
Enter the number of puffs bought : 6
Enter the number of pepsi bought : 2

Sample Output 1:

Bill Details

Cost of Pizzas :1000
Cost of Puffs :240
Cost of Pepsis :240
GST 12% : 177.6

OUTPUT:



5.

MaxValueofSignedByte

Leo has just started to learn about data types. His first assignment is to find out the largest value that can be stored in a signed byte.

Write a program to declare a variable named 'number' of type signed byte, initialize it to 125 and display it.

Change the value of number to the maximum value of a signed byte and display it as shown in the sample output.

Sample output

Value of number: 125

Largest value stored in a signed byte : //print the answer.

OUTPUT: