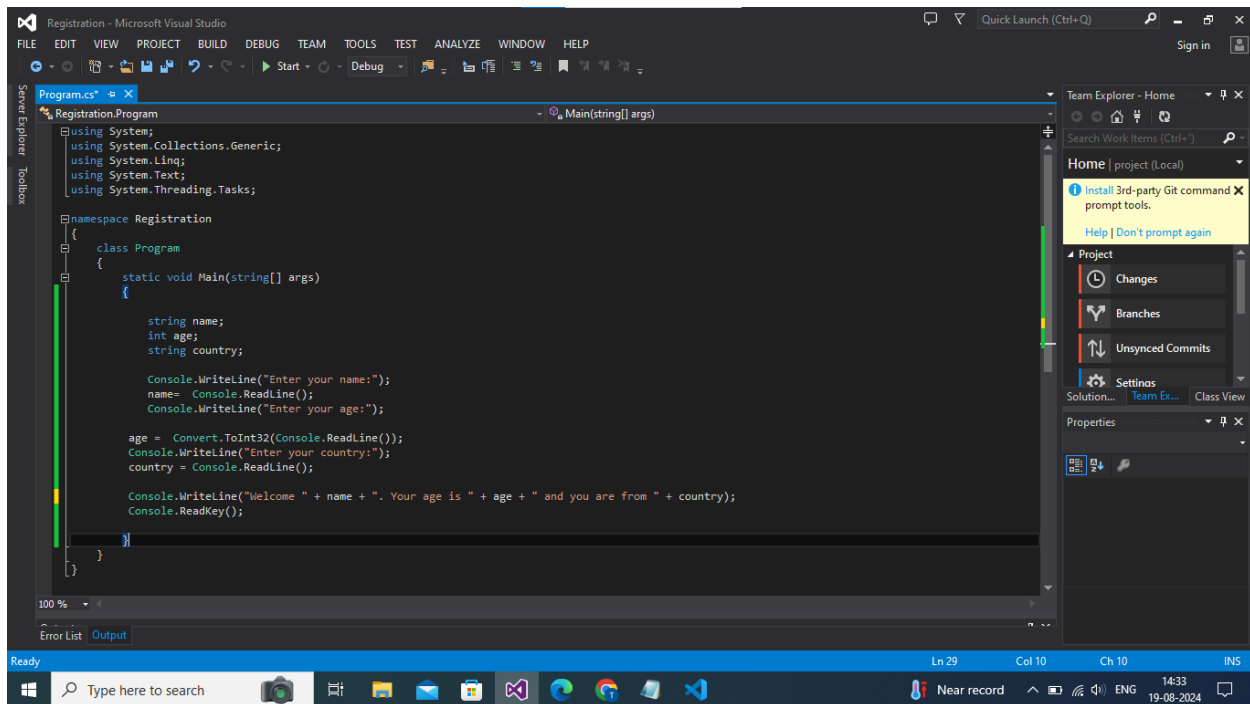


Question1

Code:-



```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

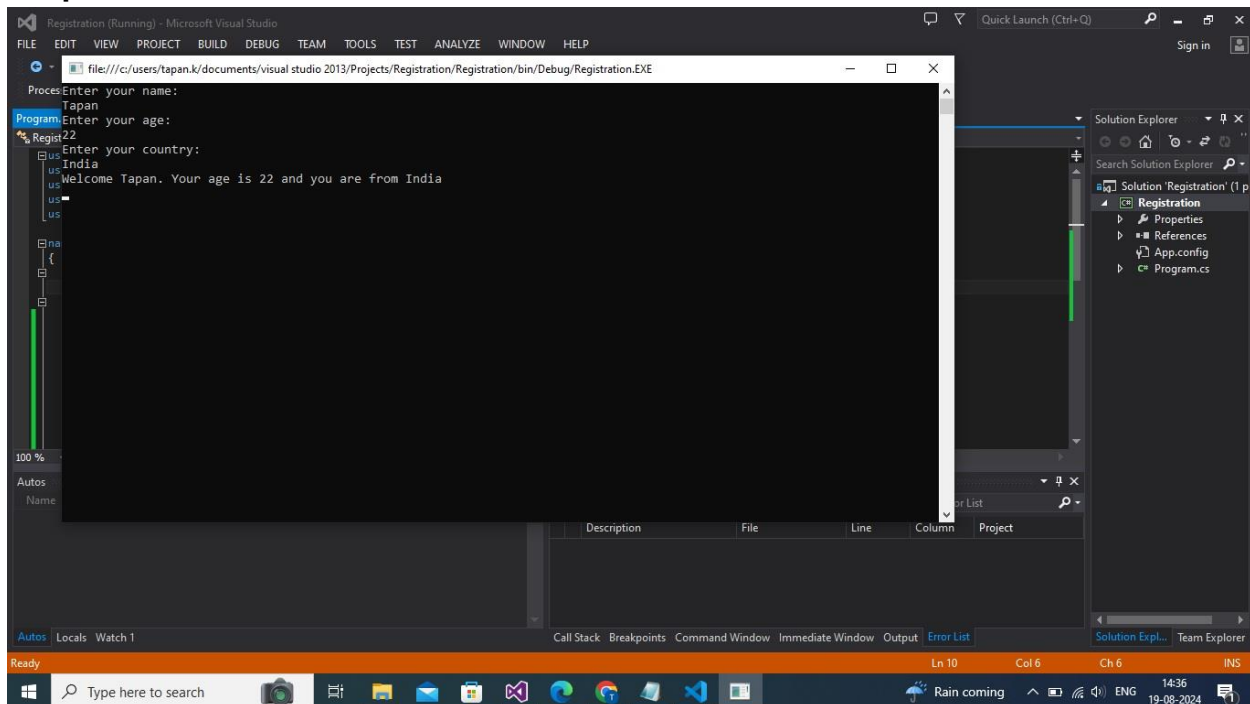
namespace Registration
{
    class Program
    {
        static void Main(string[] args)
        {
            string name;
            int age;
            string country;

            Console.WriteLine("Enter your name:");
            name = Console.ReadLine();
            Console.WriteLine("Enter your age:");

            age = Convert.ToInt32(Console.ReadLine());
            Console.WriteLine("Enter your country:");
            country = Console.ReadLine();

            Console.WriteLine("Welcome " + name + ". Your age is " + age + " and you are from " + country);
            Console.ReadKey();
        }
    }
}
```

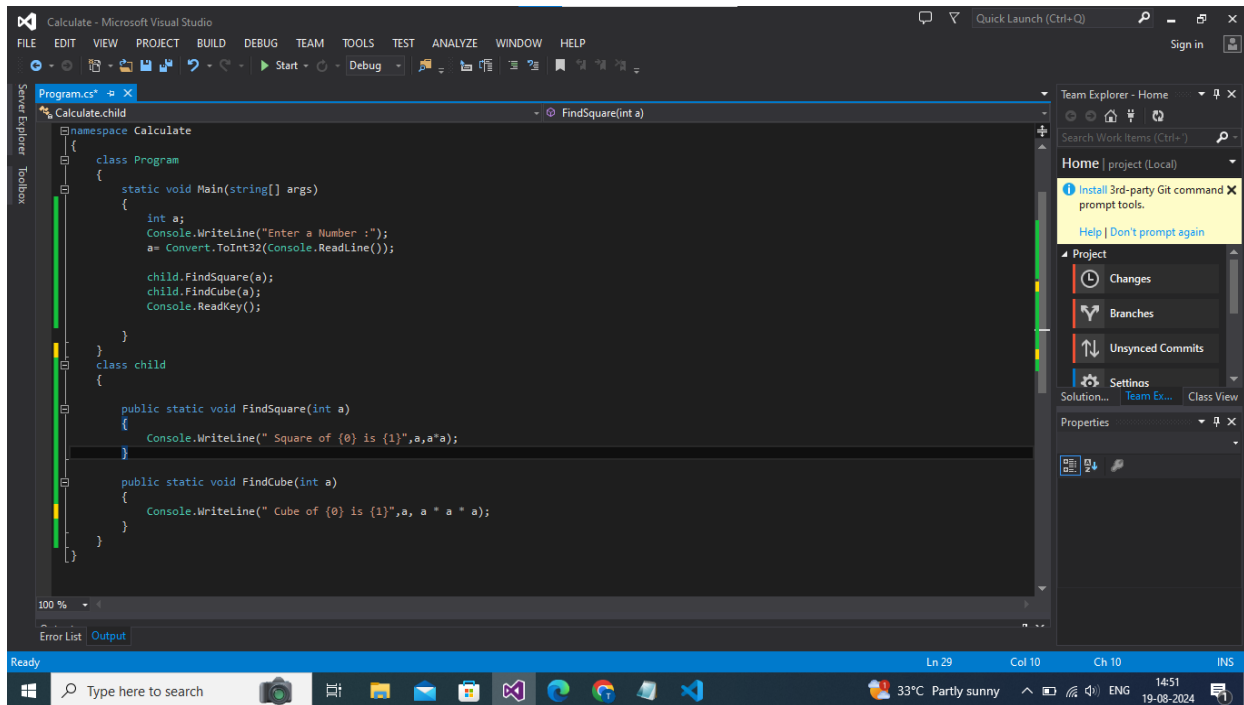
Output:-



```
Process: Enter your name:
Tapan
Enter your age:
22
Enter your country:
India
Welcome Tapan. Your age is 22 and you are from India
```

Question 2:

Code



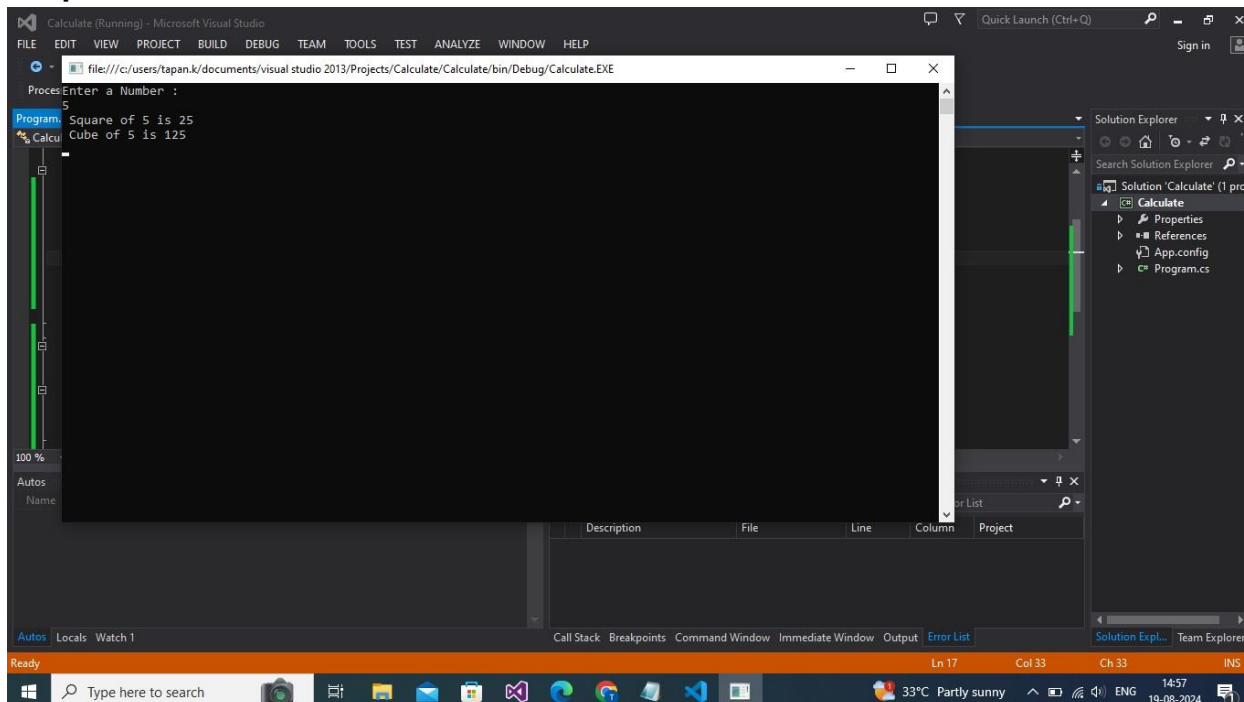
The screenshot shows the Visual Studio IDE with the 'Calculate.cs' file open. The code defines a 'Calculate' namespace containing a 'Program' class and a 'child' class. The 'Program' class has a 'Main' method that prompts the user for a number, converts it to an integer, and then calls 'FindSquare' and 'FindCube' methods on a 'child' object. The 'child' class implements these methods by calculating the square and cube of the input number and printing the results.

```
namespace Calculate
{
    class Program
    {
        static void Main(string[] args)
        {
            int a;
            Console.WriteLine("Enter a Number :");
            a = Convert.ToInt32(Console.ReadLine());

            child.FindSquare(a);
            child.FindCube(a);
            Console.ReadKey();
        }
    }
    class child
    {
        public static void FindSquare(int a)
        {
            Console.WriteLine(" Square of {0} is {1}",a,a*a);
        }

        public static void FindCube(int a)
        {
            Console.WriteLine(" Cube of {0} is {1}",a, a * a * a);
        }
    }
}
```

Output

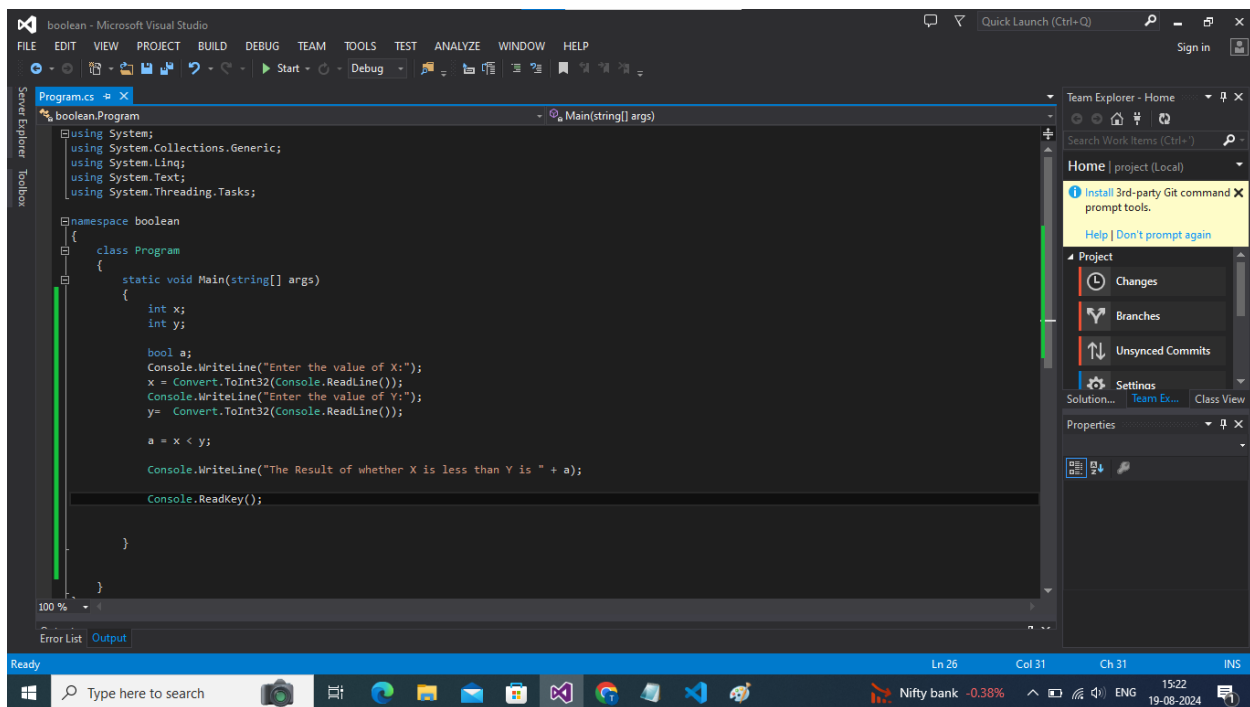


The screenshot shows the Visual Studio IDE with the 'Calculate' program running. A console window is open, displaying the output of the program. The user has entered the number '5', and the program has calculated and printed the square (25) and cube (125) of 5.

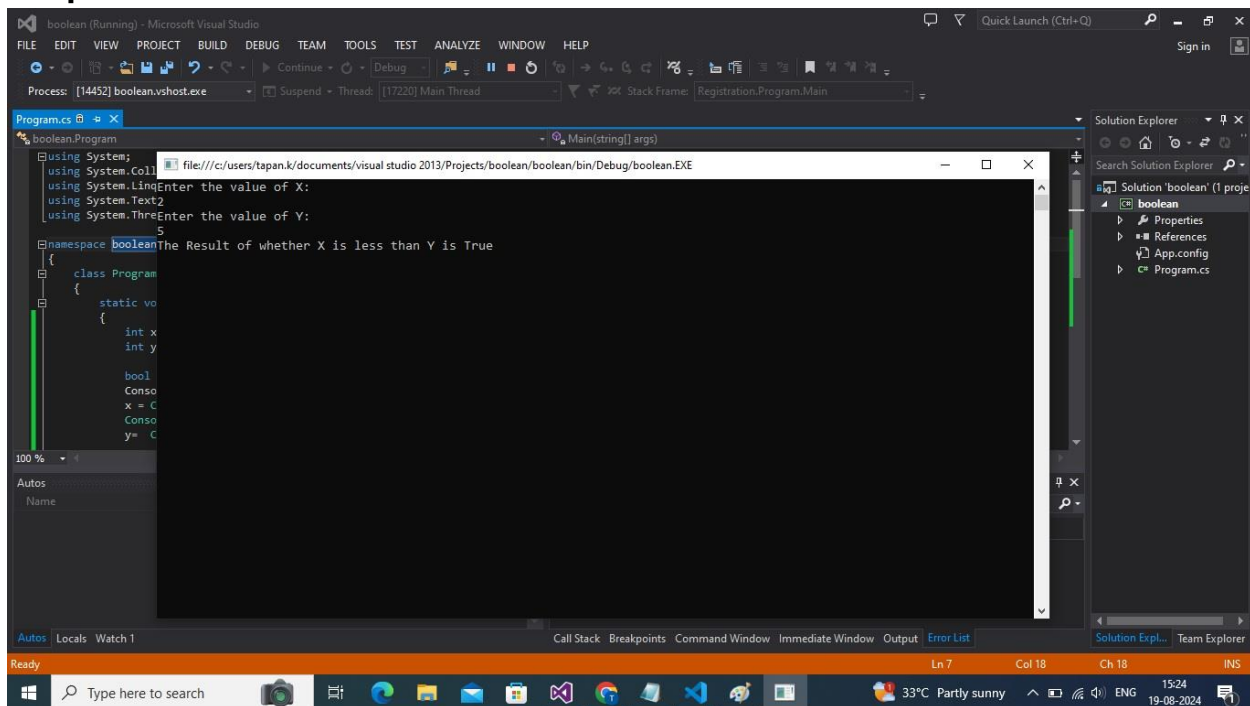
```
Process: file:///c:/users/tapan.k/documents/visual studio 2013/Projects/Calculate/Calculate/bin/Debug/Calculate.EXE
Enter a Number :
5
Square of 5 is 25
Cube of 5 is 125
```

Question 3:

Code

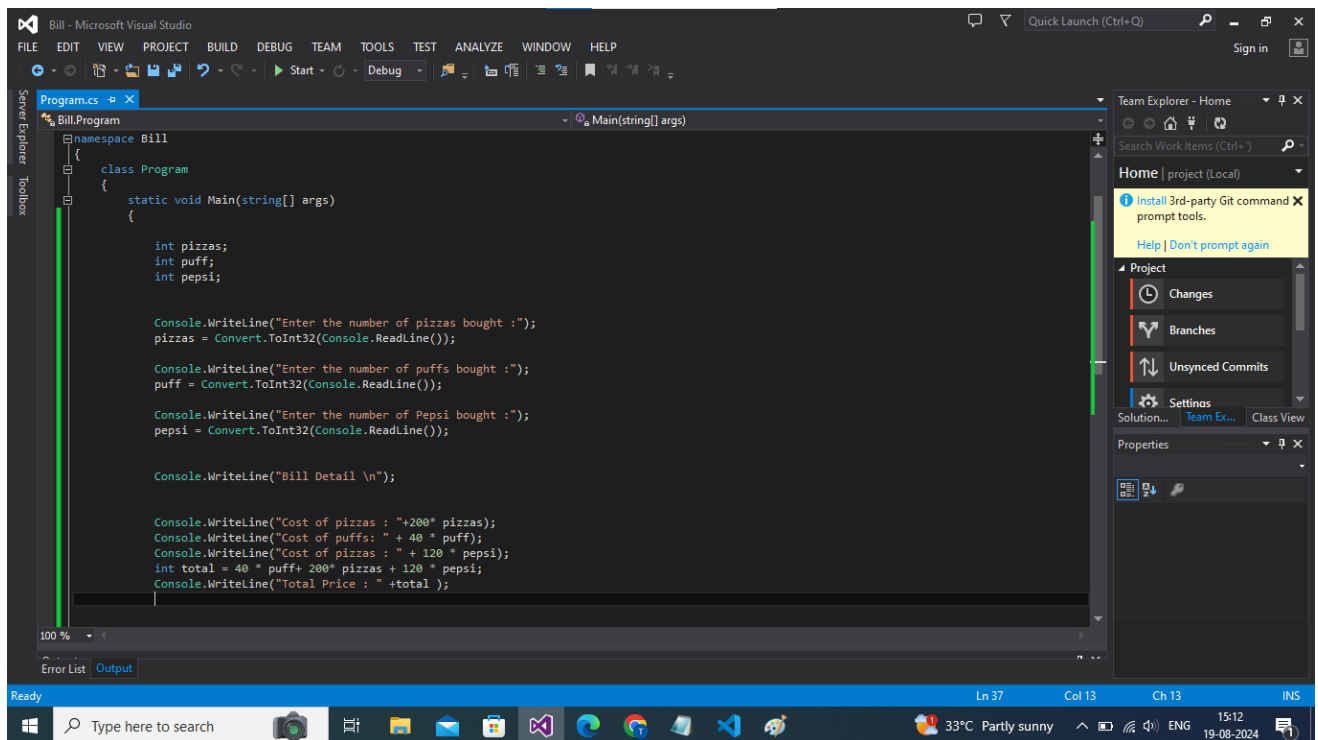


Output:

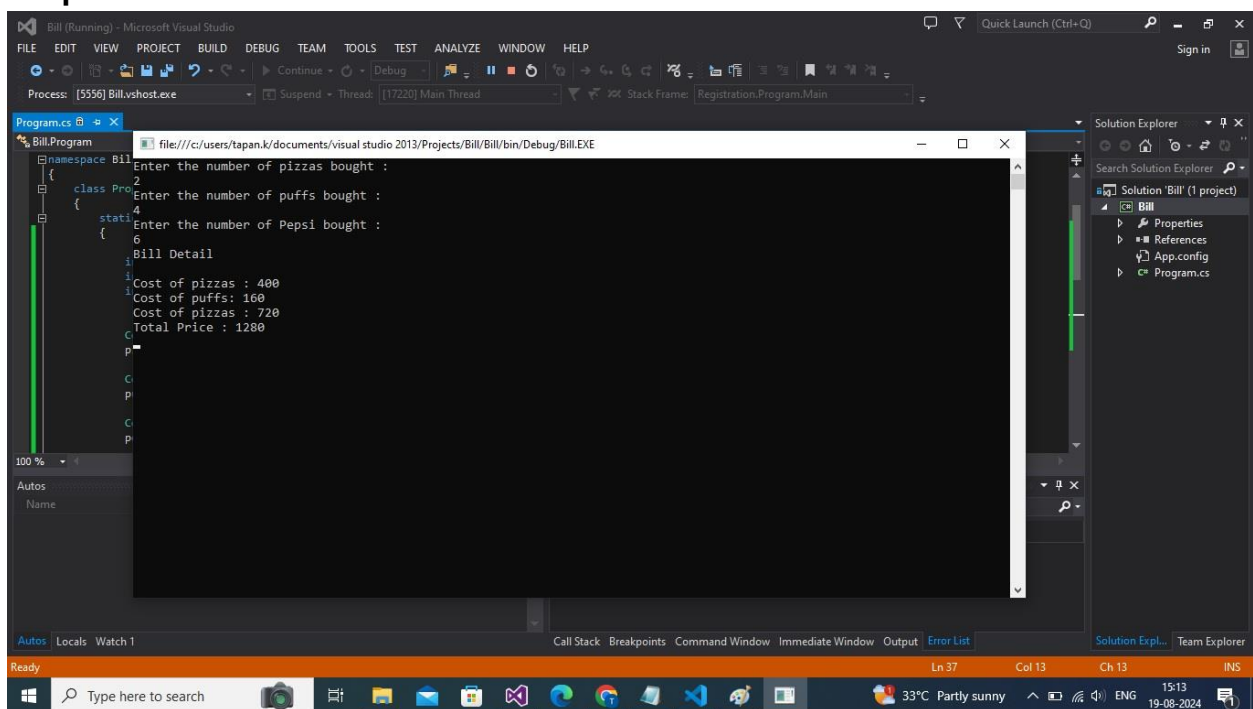


Question 4:

Code:

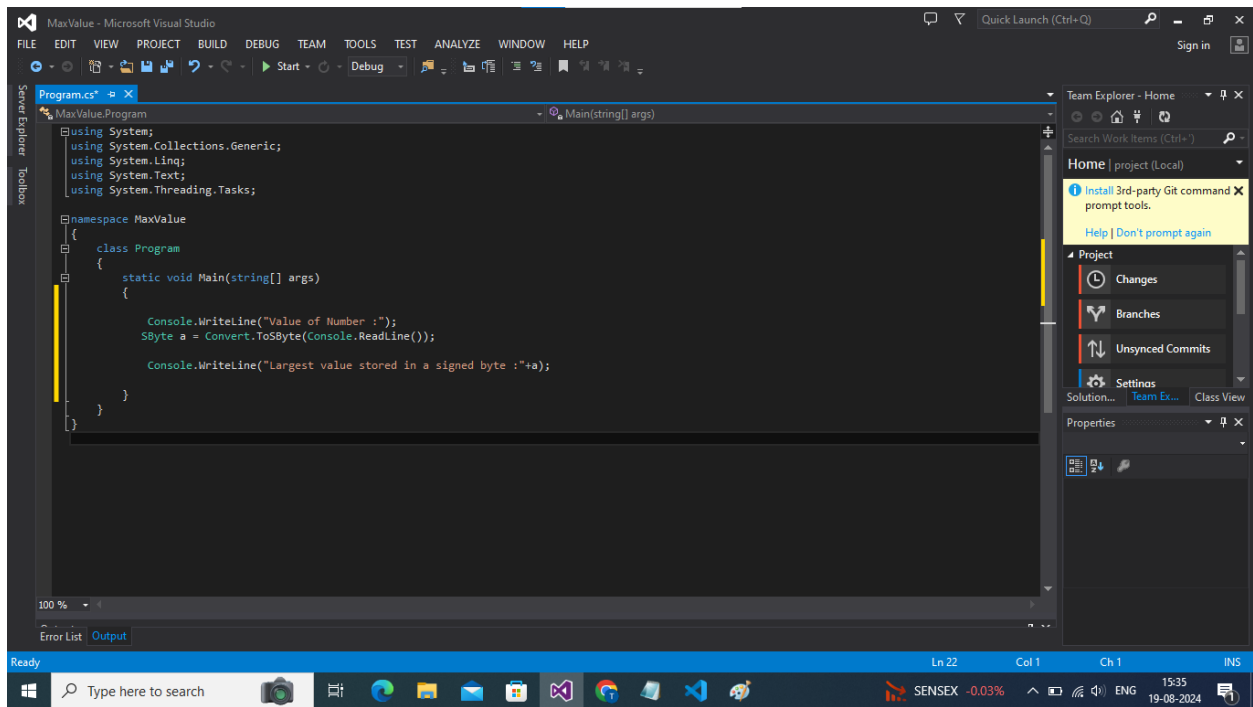


Output:



Question 5:

Code:



Output

