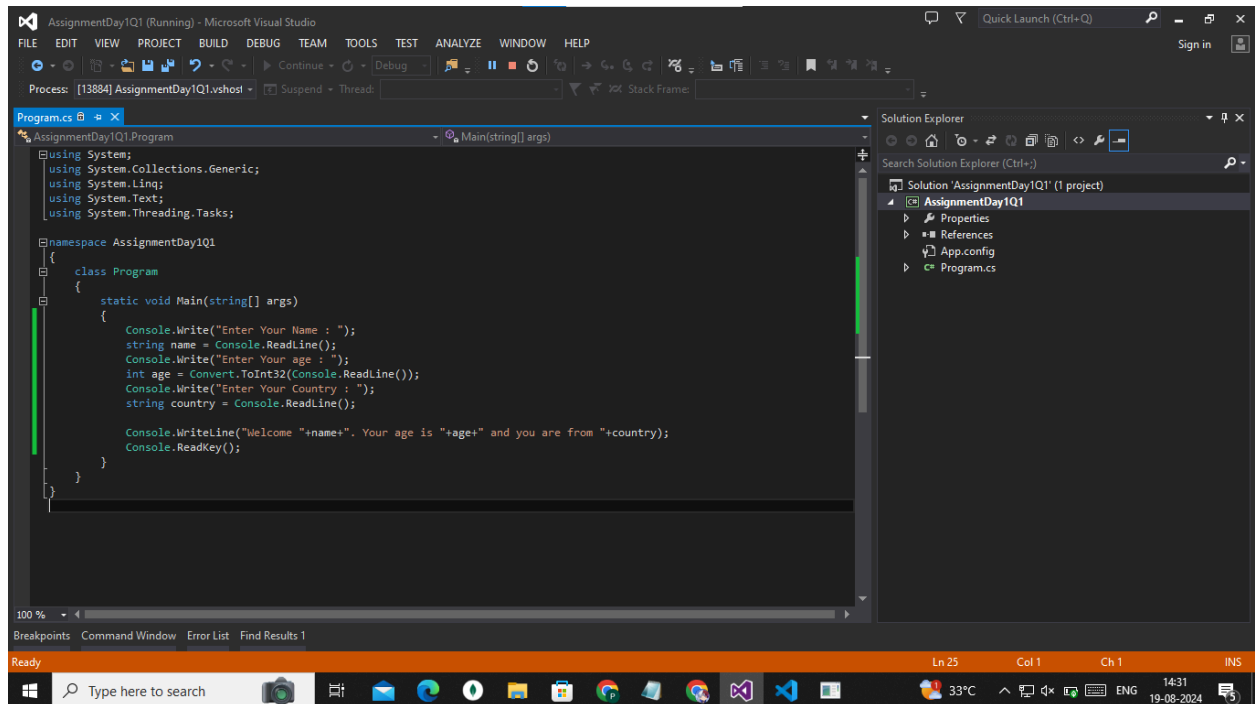


Date : 19-08-2024

1.

Code :

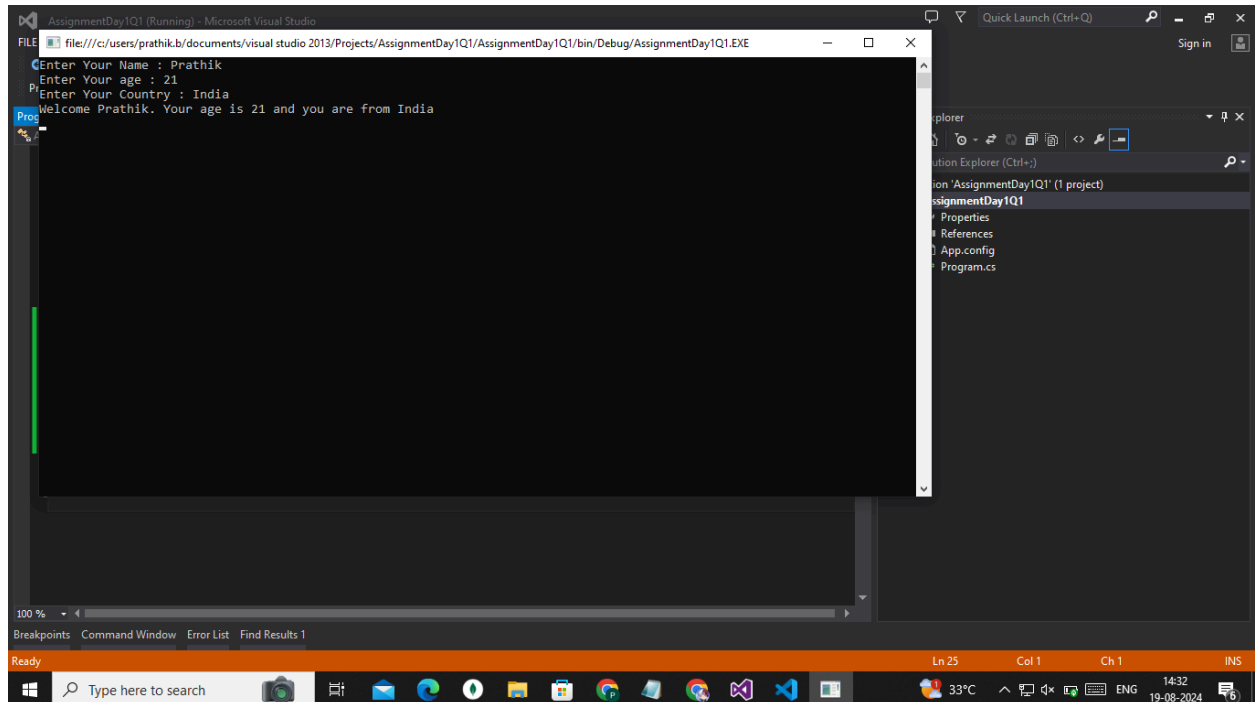


```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace AssignmentDay1Q1
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine("Enter Your Name : ");
            string name = Console.ReadLine();
            Console.WriteLine("Enter Your age : ");
            int age = Convert.ToInt32(Console.ReadLine());
            Console.WriteLine("Enter Your Country : ");
            string country = Console.ReadLine();

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

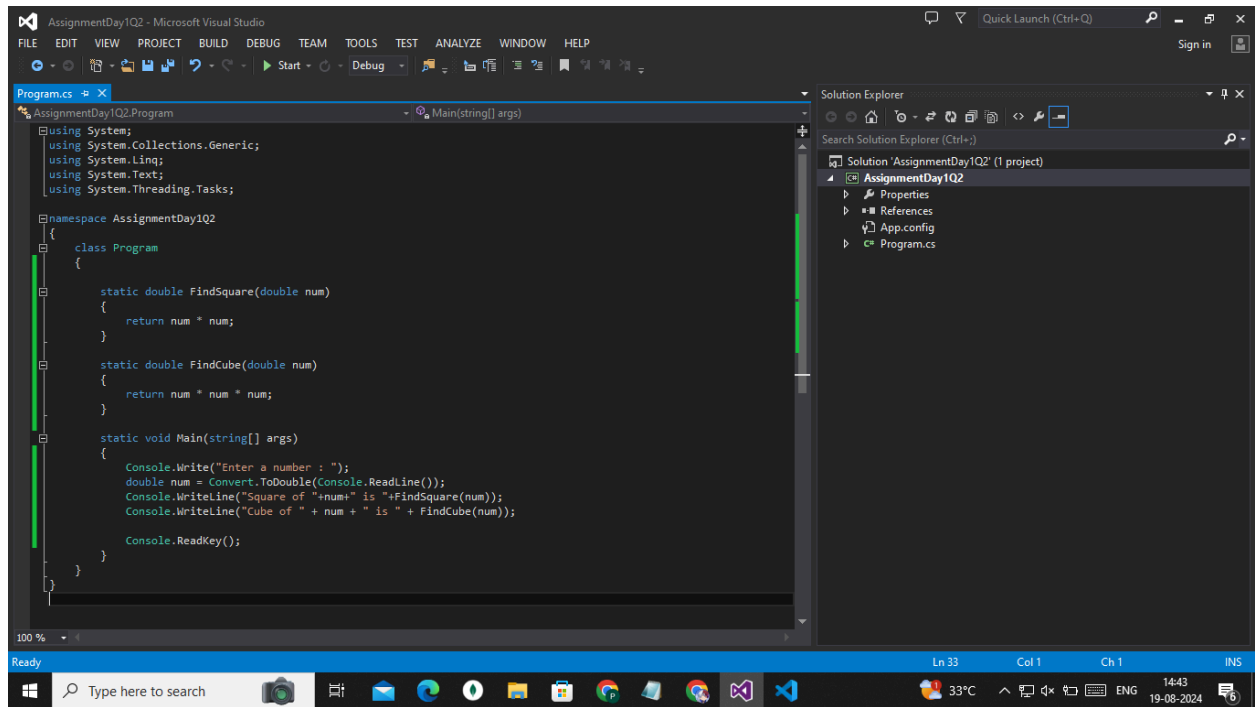
Output :



```
file:///c:/users/prathik.b/documents/visual studio 2013/Projects/AssignmentDay1Q1/AssignmentDay1Q1/bin/Debug/AssignmentDay1Q1.EXE
Enter Your Name : Prathik
Enter Your age : 21
Enter Your Country : India
Welcome Prathik. Your age is 21 and you are from India
```

2.

Code:



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

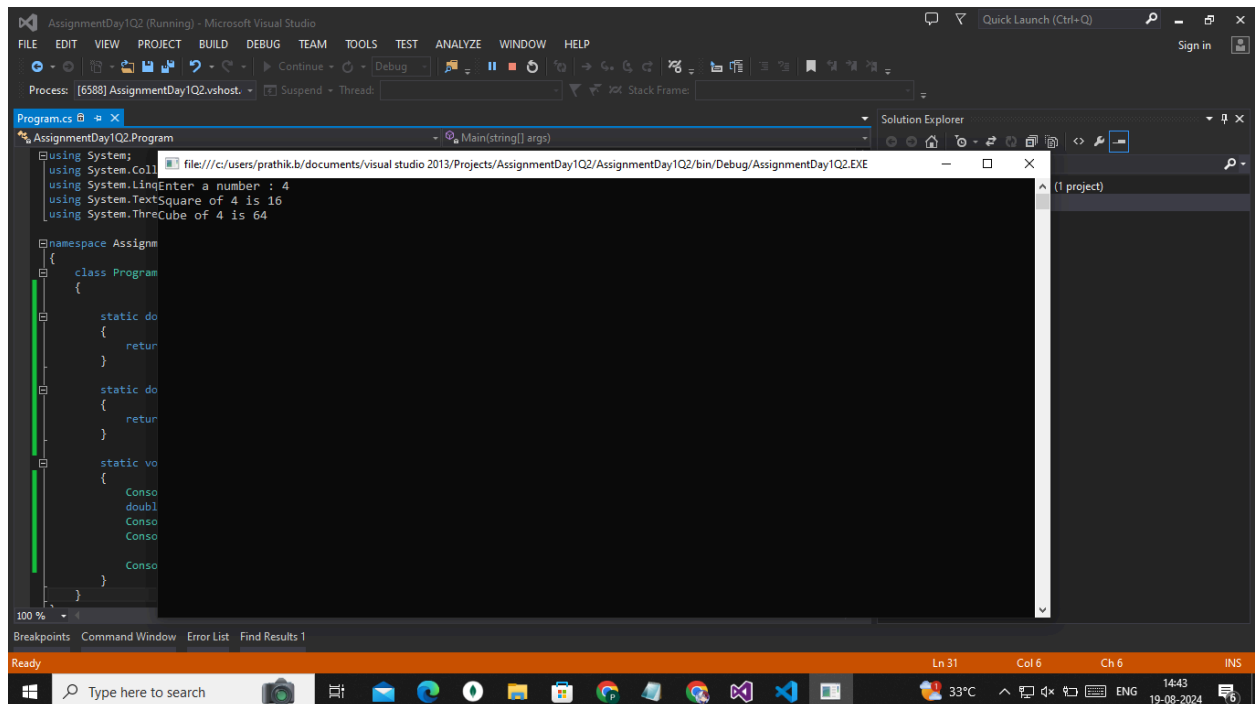
namespace AssignmentDay1Q2
{
    class Program
    {
        static double FindSquare(double num)
        {
            return num * num;
        }

        static double FindCube(double num)
        {
            return num * num * num;
        }

        static void Main(string[] args)
        {
            Console.WriteLine("Enter a number : ");
            double num = Convert.ToDouble(Console.ReadLine());
            Console.WriteLine("Square of " + num + " is " + FindSquare(num));
            Console.WriteLine("Cube of " + num + " is " + FindCube(num));

            Console.ReadKey();
        }
    }
}
```

Output :



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

namespace AssignmentDay1Q2
{
    class Program
    {
        static double FindSquare(double num)
        {
            return num * num;
        }

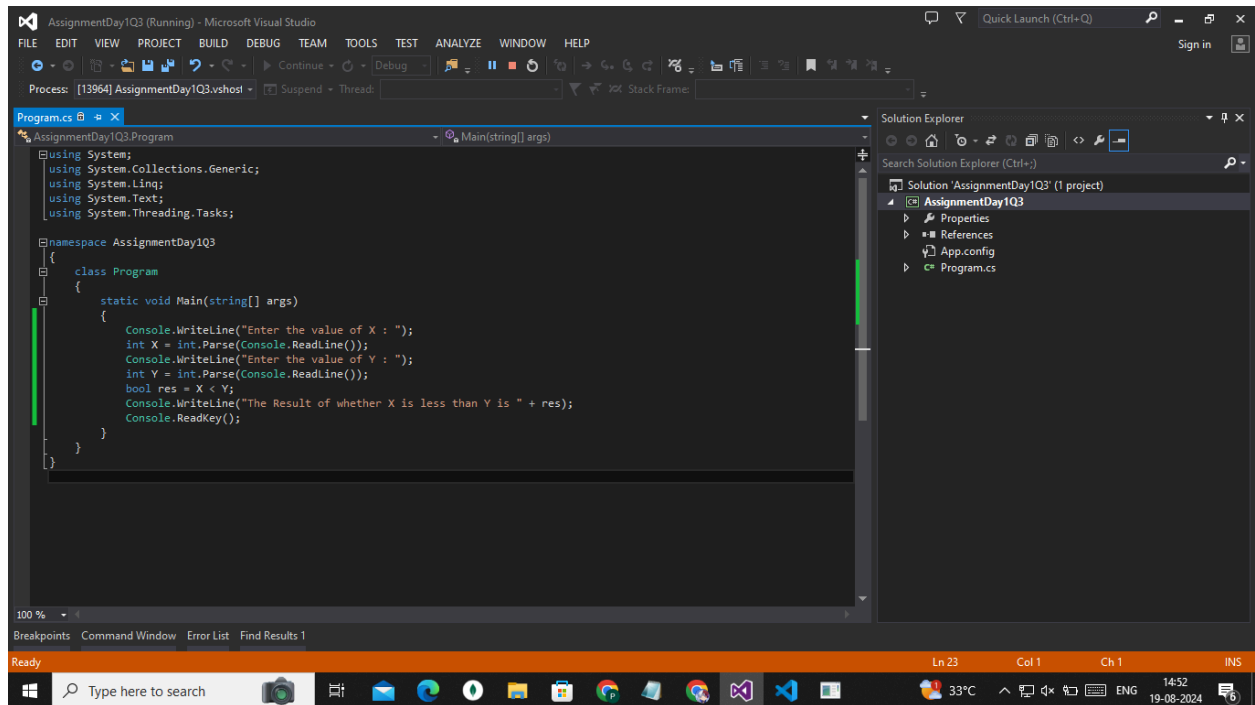
        static double FindCube(double num)
        {
            return num * num * num;
        }

        static void Main(string[] args)
        {
            Console.WriteLine("Enter a number : ");
            double num = Convert.ToDouble(Console.ReadLine());
            Console.WriteLine("Square of " + num + " is " + FindSquare(num));
            Console.WriteLine("Cube of " + num + " is " + FindCube(num));

            Console.ReadKey();
        }
    }
}
```

3.

Code :



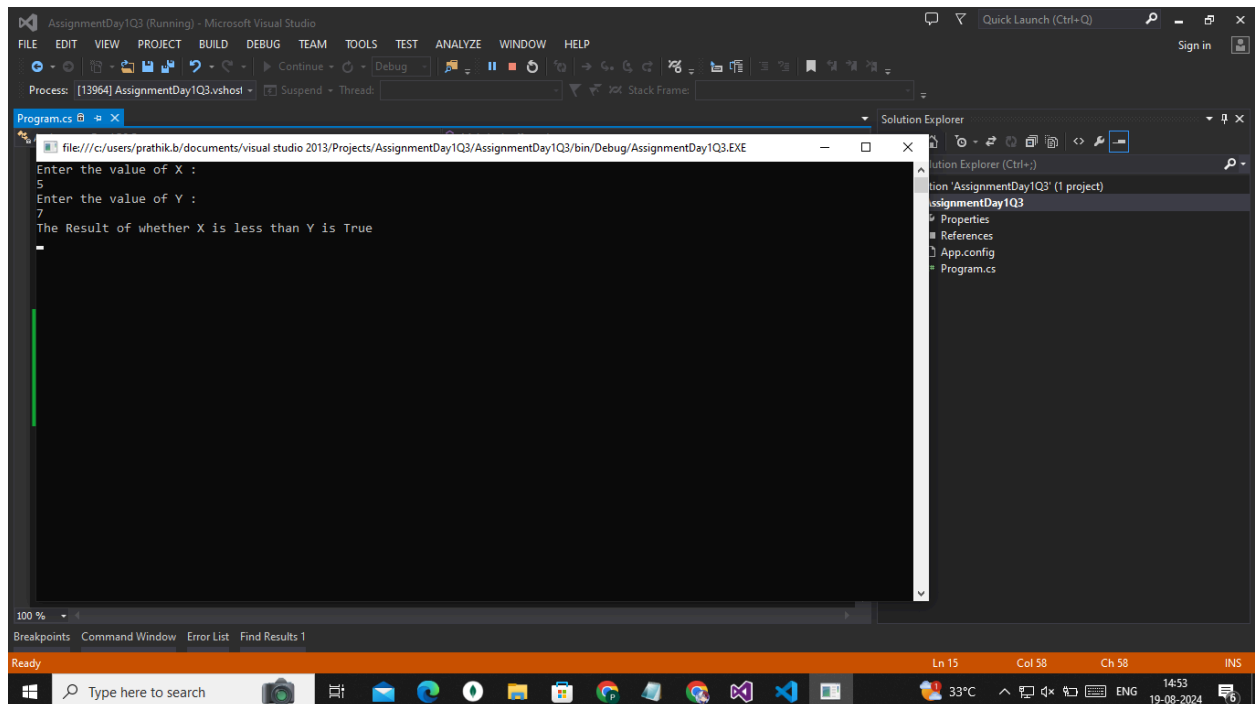
The screenshot shows the Visual Studio IDE with the 'AssignmentDay1Q3' project open. The 'Program.cs' file is displayed in the main editor, showing the following code:

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

namespace AssignmentDay1Q3
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine("Enter the value of X : ");
            int X = int.Parse(Console.ReadLine());
            Console.WriteLine("Enter the value of Y : ");
            int Y = int.Parse(Console.ReadLine());
            bool res = X < Y;
            Console.WriteLine("The Result of whether X is less than Y is " + res);
            Console.ReadKey();
        }
    }
}
```

The Solution Explorer on the right shows the project structure with 'Program.cs' selected. The status bar at the bottom indicates the cursor is at line 23, column 1, character 1.

Output :



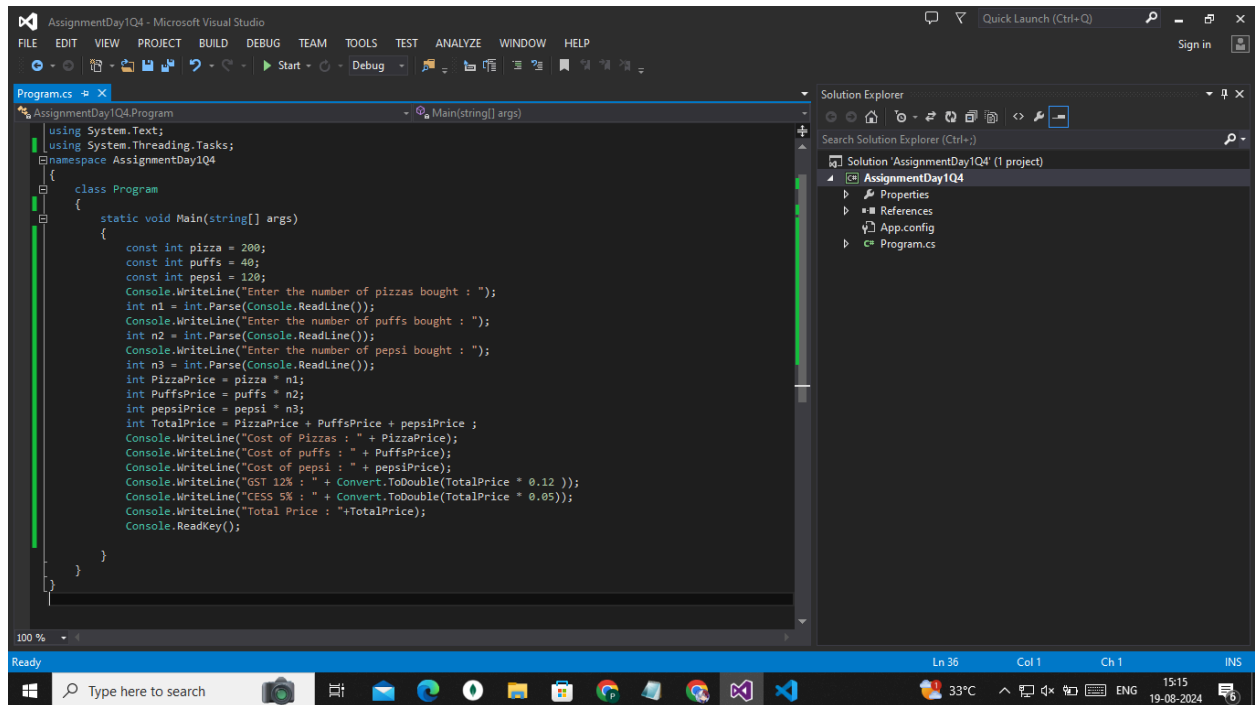
The screenshot shows the Visual Studio IDE with the 'AssignmentDay1Q3' project open. The 'Output' window is visible, showing the following output:

```
Enter the value of X :
5
Enter the value of Y :
7
The Result of whether X is less than Y is True
```

The Solution Explorer on the right shows the project structure with 'Program.cs' selected. The status bar at the bottom indicates the cursor is at line 15, column 58, character 58.

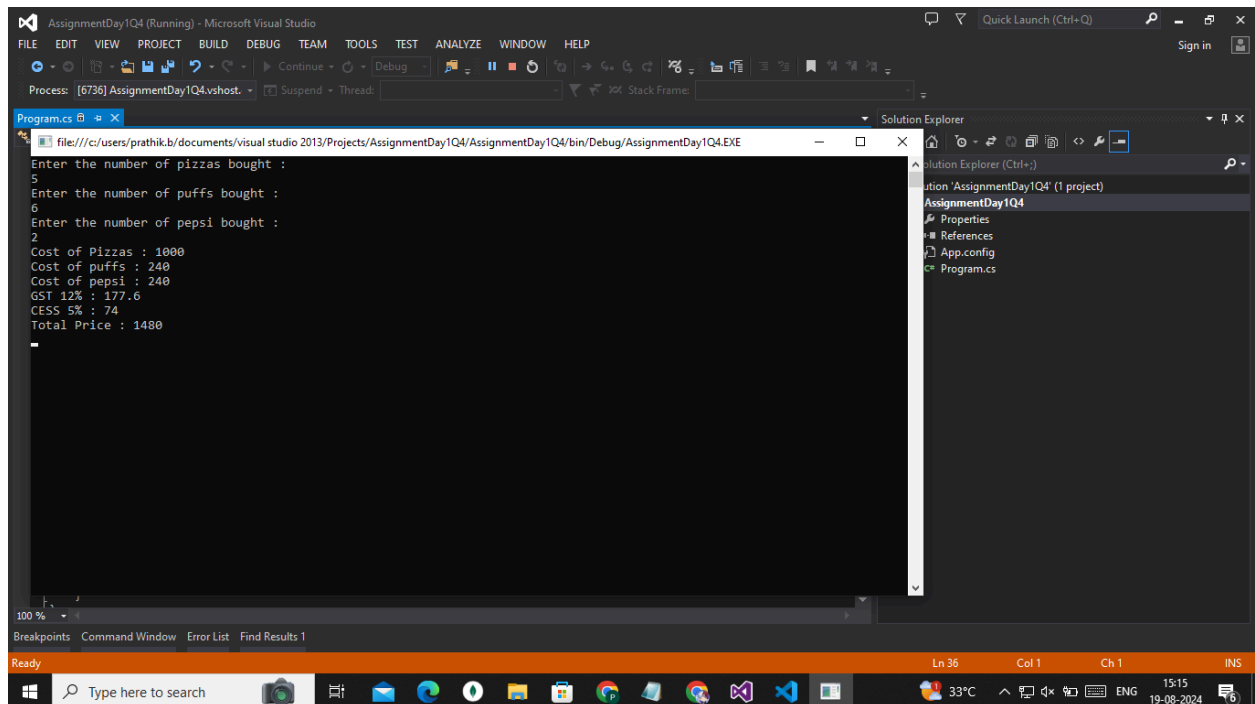
4.

Code :



```
using System.Text;
using System.Threading.Tasks;
namespace AssignmentDay1Q4
{
    class Program
    {
        static void Main(string[] args)
        {
            const int pizza = 200;
            const int puffs = 40;
            const int pepsi = 120;
            Console.WriteLine("Enter the number of pizzas bought : ");
            int n1 = int.Parse(Console.ReadLine());
            Console.WriteLine("Enter the number of puffs bought : ");
            int n2 = int.Parse(Console.ReadLine());
            Console.WriteLine("Enter the number of pepsi bought : ");
            int n3 = int.Parse(Console.ReadLine());
            int PizzaPrice = pizza * n1;
            int PuffsPrice = puffs * n2;
            int pepsiPrice = pepsi * n3;
            int TotalPrice = PizzaPrice + PuffsPrice + pepsiPrice ;
            Console.WriteLine("Cost of Pizzas : " + PizzaPrice);
            Console.WriteLine("Cost of puffs : " + PuffsPrice);
            Console.WriteLine("Cost of pepsi : " + pepsiPrice);
            Console.WriteLine("GST 12% : " + Convert.ToDouble(TotalPrice * 0.12 ));
            Console.WriteLine("CESS 5% : " + Convert.ToDouble(TotalPrice * 0.05));
            Console.WriteLine("Total Price : "+TotalPrice);
            Console.ReadKey();
        }
    }
}
```

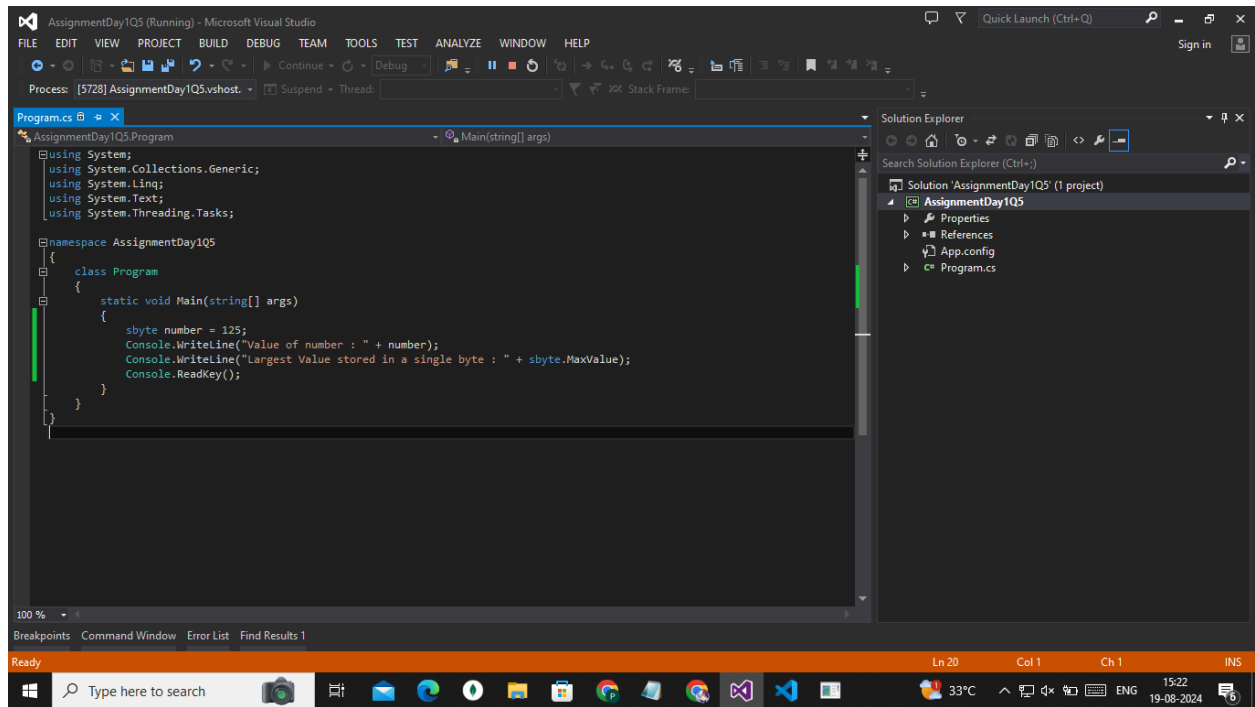
Output :



```
file:///c:/users/prathikb/documents/visual studio 2013/Projects/AssignmentDay1Q4/AssignmentDay1Q4/bin/Debug/AssignmentDay1Q4.EXE
Enter the number of pizzas bought :
5
Enter the number of puffs bought :
6
Enter the number of pepsi bought :
2
Cost of Pizzas : 1000
Cost of puffs : 240
Cost of pepsi : 240
GST 12% : 177.6
CESS 5% : 74
Total Price : 1480
```

5.

Code :



Output :

