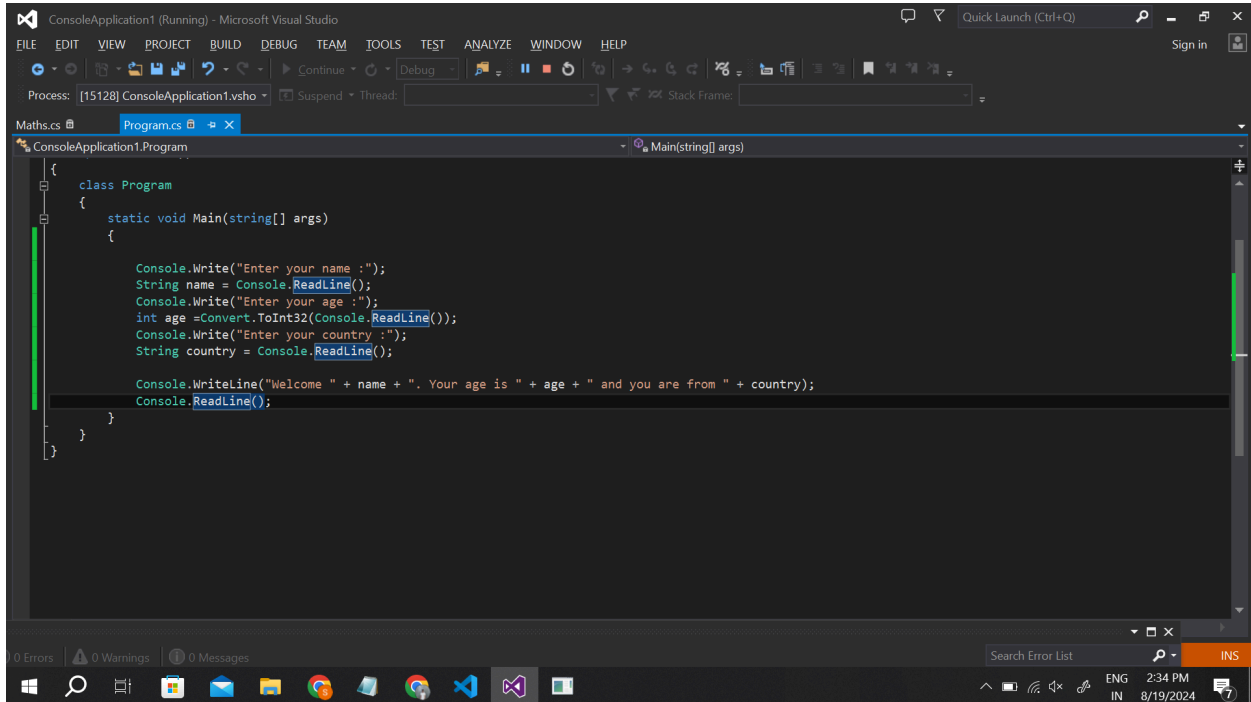


## Day 1

Name:Siddarth

Date:19-8-2024

### 1.Code:

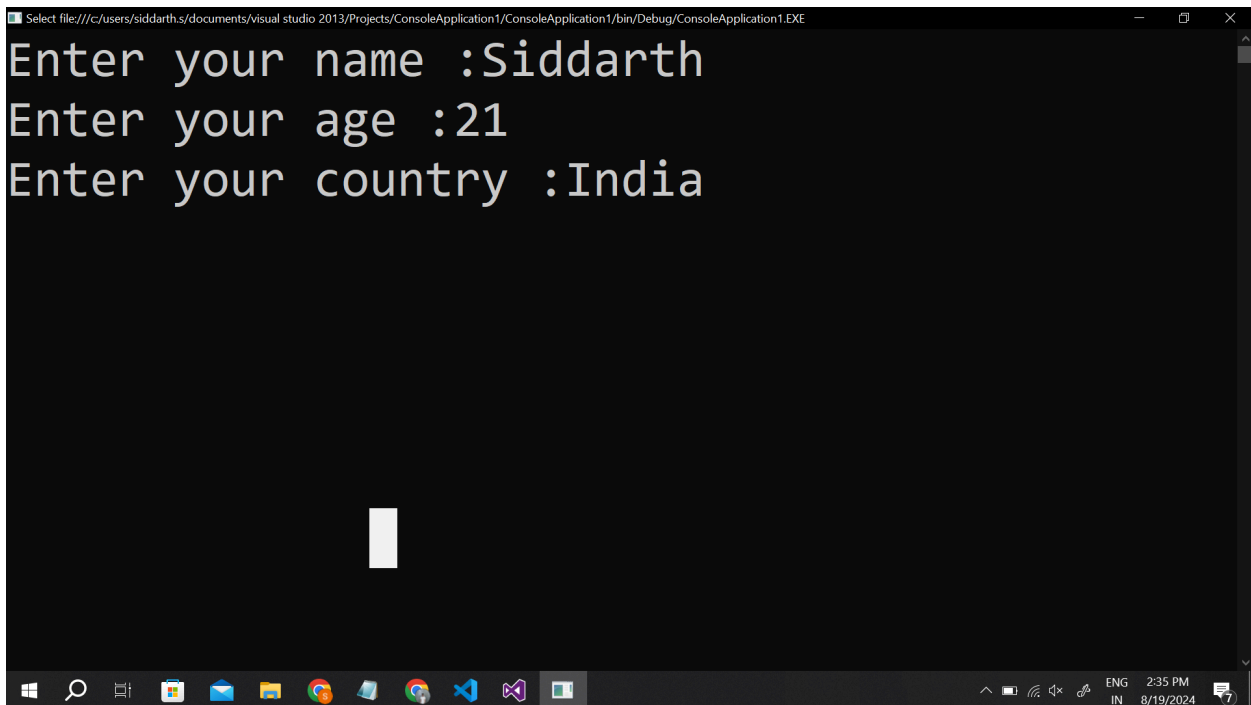


```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace ConsoleApplication1
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.Write("Enter your name :");
            String name = Console.ReadLine();
            Console.Write("Enter your age :");
            int age = Convert.ToInt32(Console.ReadLine());
            Console.Write("Enter your country :");
            String country = Console.ReadLine();

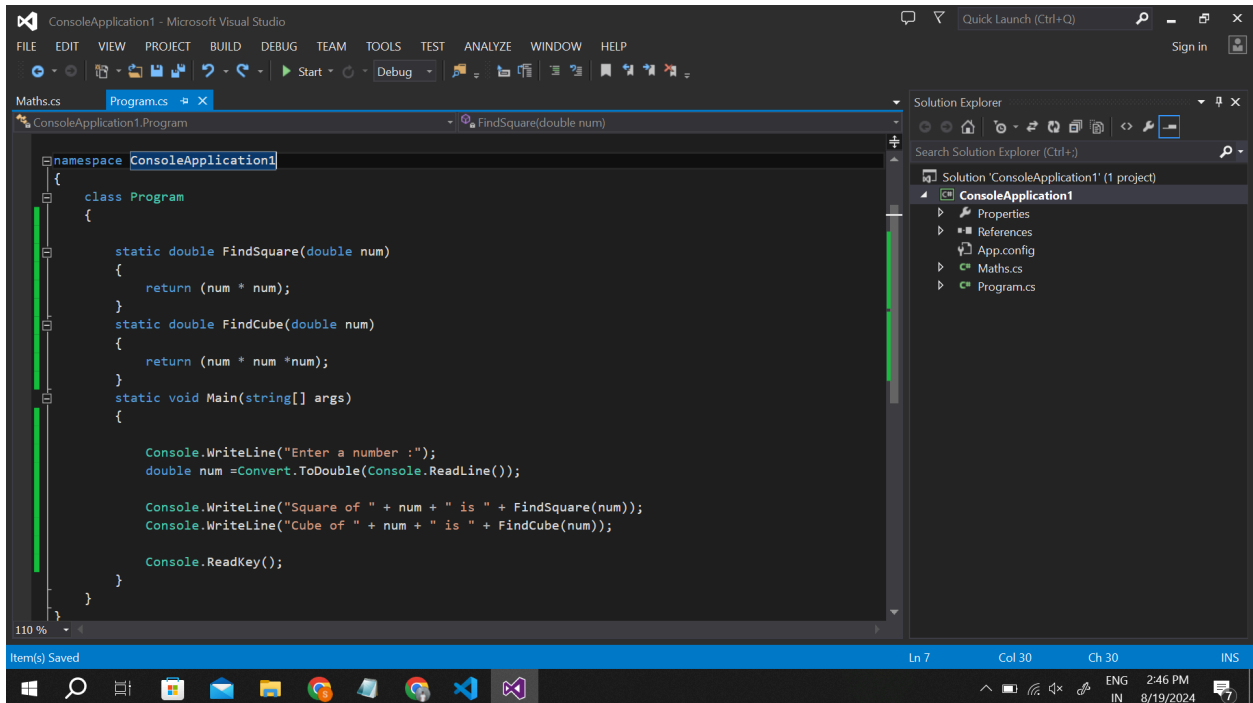
            Console.WriteLine("Welcome " + name + ". Your age is " + age + " and you are from " + country);
            Console.ReadLine();
        }
    }
}
```

### Output:



```
Select file:///c:/users/siddarths/documents/visual studio 2013/Projects/ConsoleApplication1/ConsoleApplication1/bin/Debug/ConsoleApplication1.EXE
Enter your name :Siddarth
Enter your age :21
Enter your country :India
```

## 2.Code:

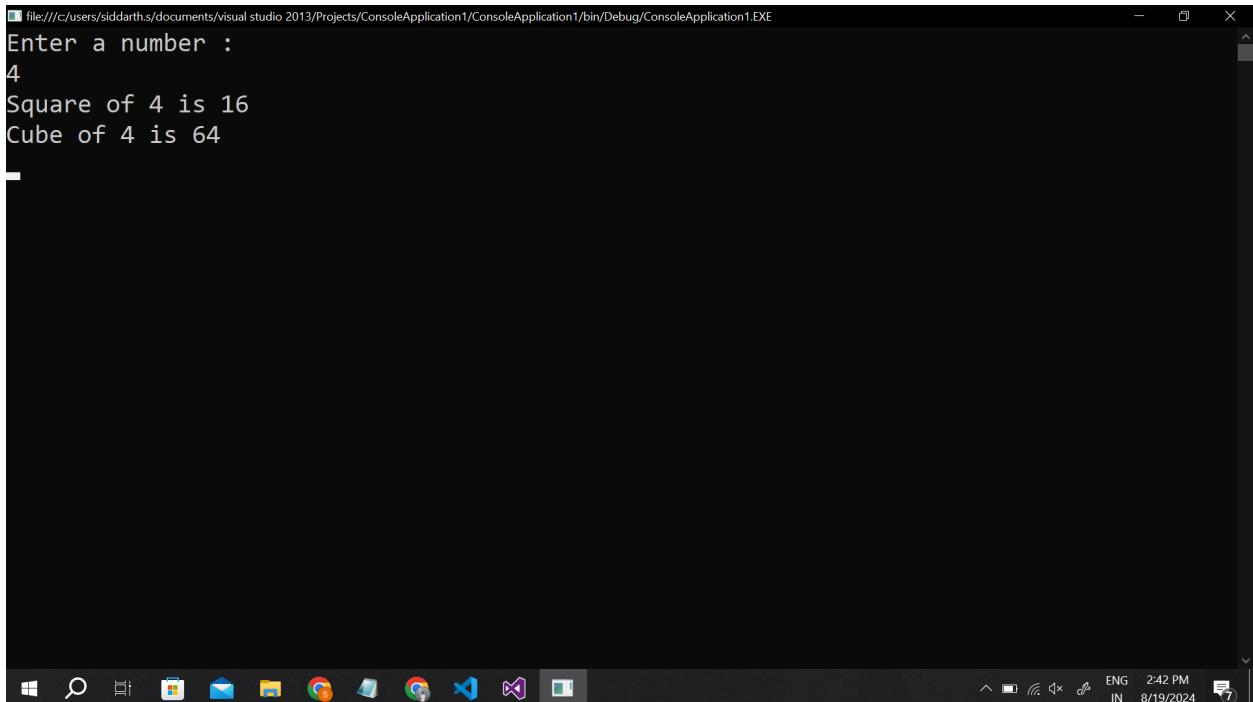


```
namespace ConsoleApplication1
{
    class Program
    {
        static double FindSquare(double num)
        {
            return (num * num);
        }
        static double FindCube(double num)
        {
            return (num * num * num);
        }
        static void Main(string[] args)
        {
            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));

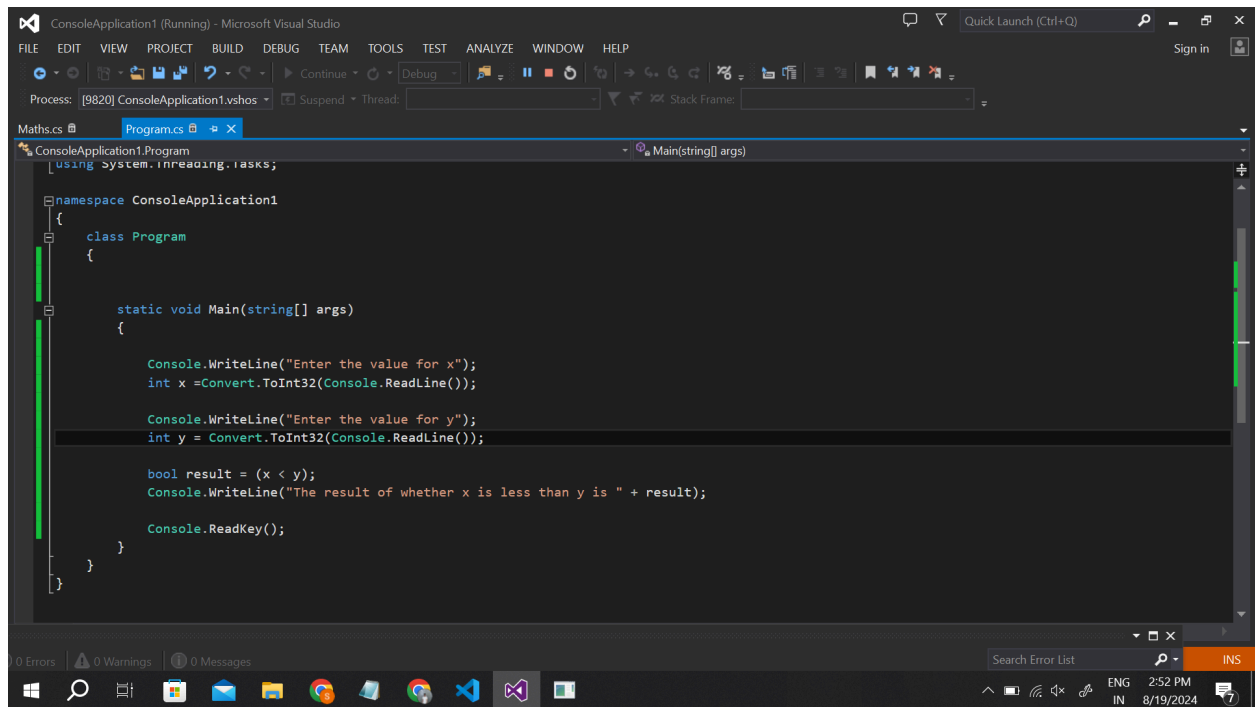
            Console.ReadKey();
        }
    }
}
```

## Output:



```
file:///c:/users/siddharths/documents/visual studio 2013/Projects/ConsoleApplication1/ConsoleApplication1/bin/Debug/ConsoleApplication1.EXE
Enter a number :
4
Square of 4 is 16
Cube of 4 is 64
```

### 3.Code



```
using System.Threading.Tasks;

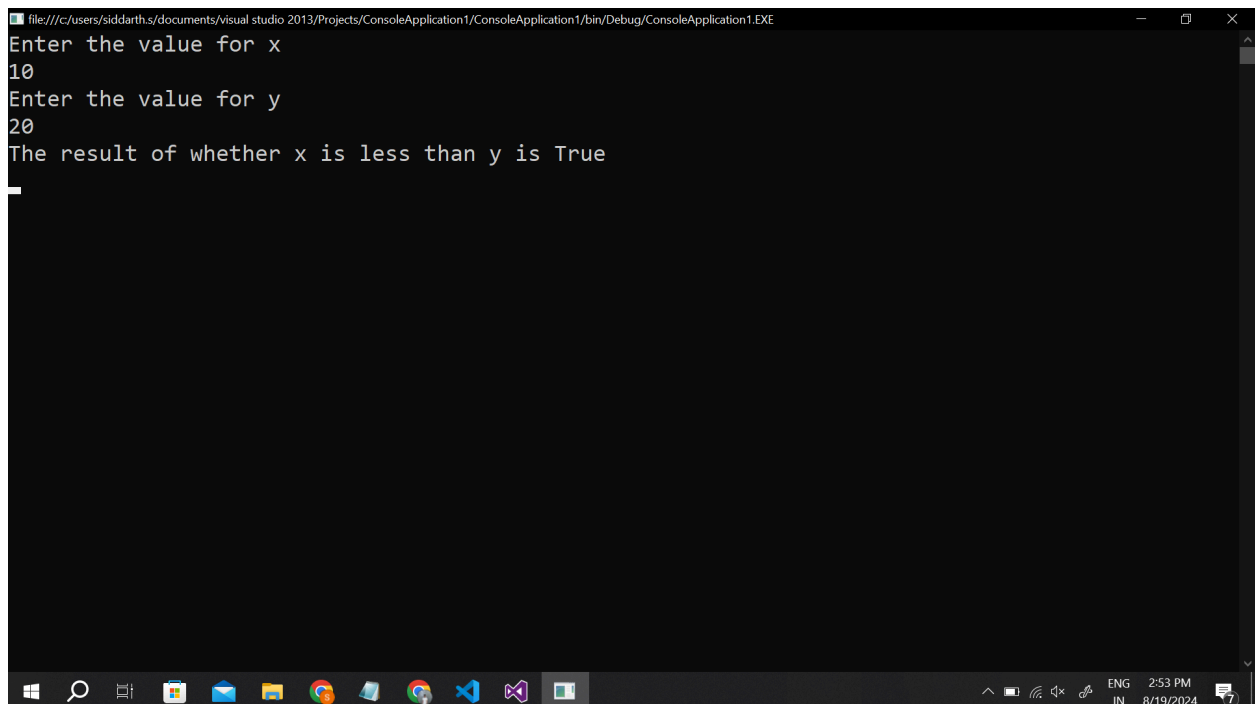
namespace ConsoleApplication1
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine("Enter the value for x");
            int x = Convert.ToInt32(Console.ReadLine());

            Console.WriteLine("Enter the value for y");
            int y = Convert.ToInt32(Console.ReadLine());

            bool result = (x < y);
            Console.WriteLine("The result of whether x is less than y is " + result);

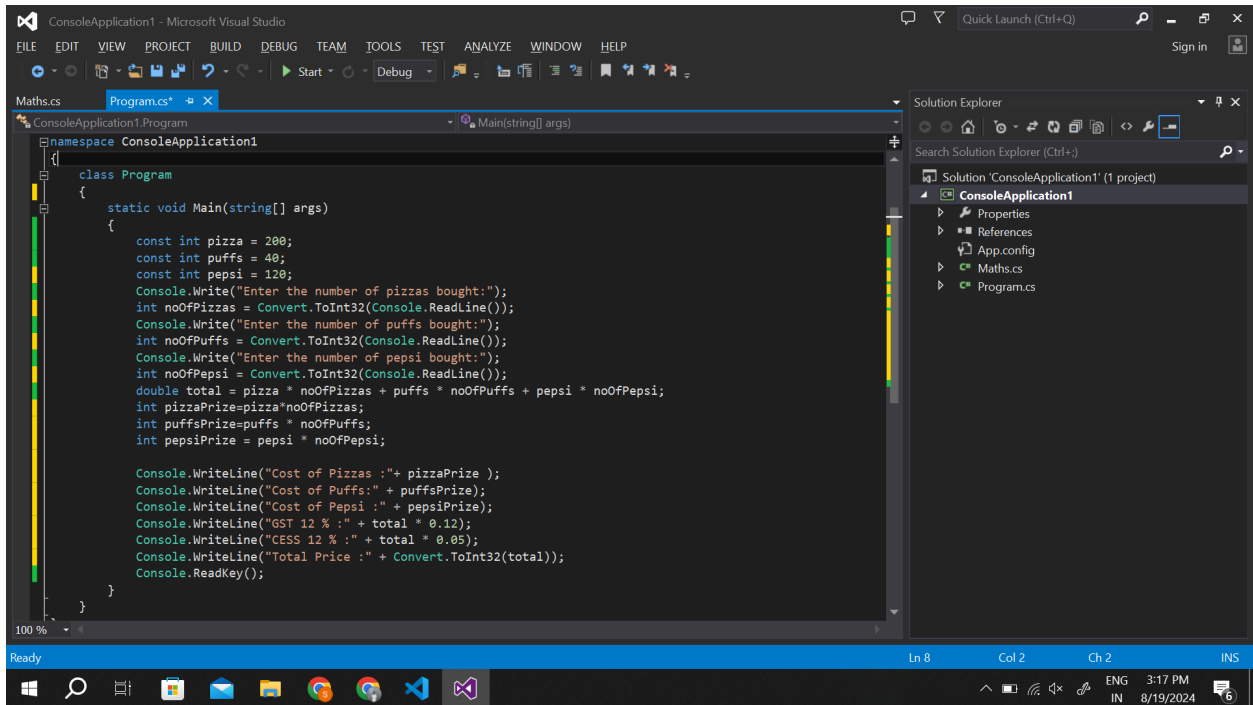
            Console.ReadKey();
        }
    }
}
```

### Output:



```
file:///c:/users/siddharth.s/documents/visual studio 2013/Projects/ConsoleApplication1/ConsoleApplication1/bin/Debug/ConsoleApplication1.EXE
Enter the value for x
10
Enter the value for y
20
The result of whether x is less than y is True
```

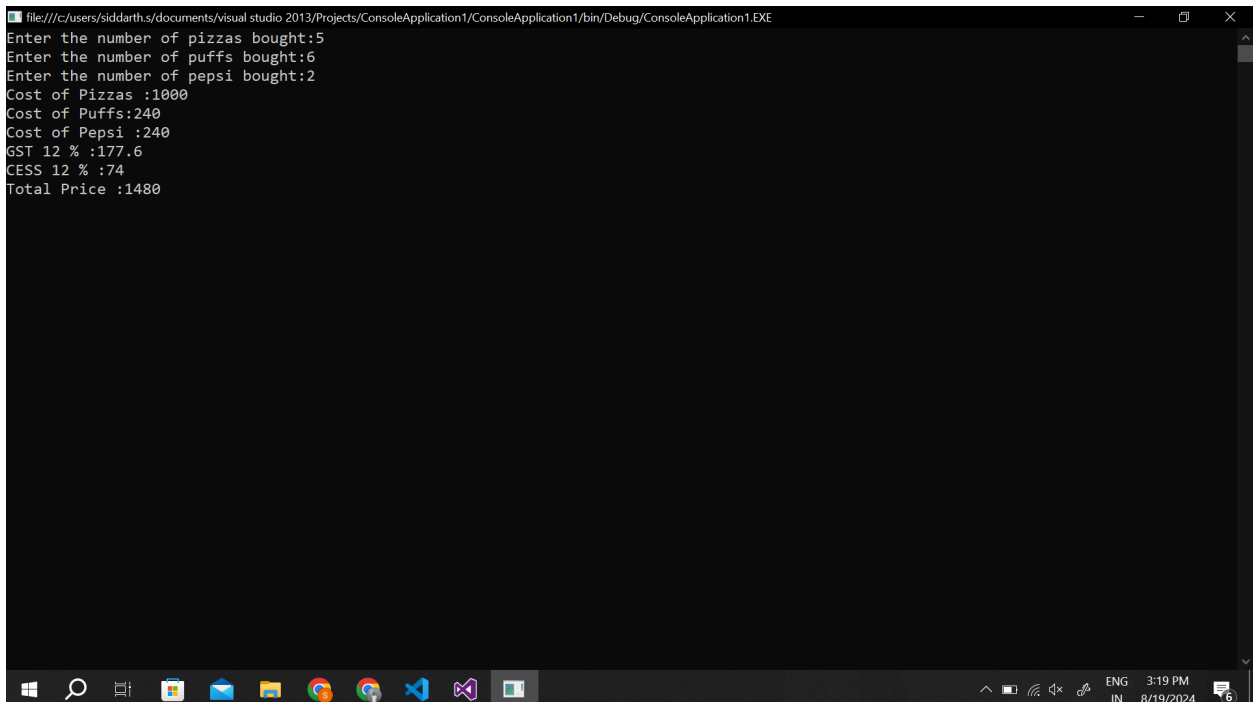
## 4.Code:



```
namespace ConsoleApplication1
{
    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 noOfPizzas = Convert.ToInt32(Console.ReadLine());
            Console.WriteLine("Enter the number of puffs bought:");
            int noOfPuffs = Convert.ToInt32(Console.ReadLine());
            Console.WriteLine("Enter the number of pepsi bought:");
            int noOfPepsi = Convert.ToInt32(Console.ReadLine());
            double total = pizza * noOfPizzas + puffs * noOfPuffs + pepsi * noOfPepsi;
            int pizzaPrize=pizza*noOfPizzas;
            int puffsPrize=puffs * noOfPuffs;
            int pepsiPrize = pepsi * noOfPepsi;

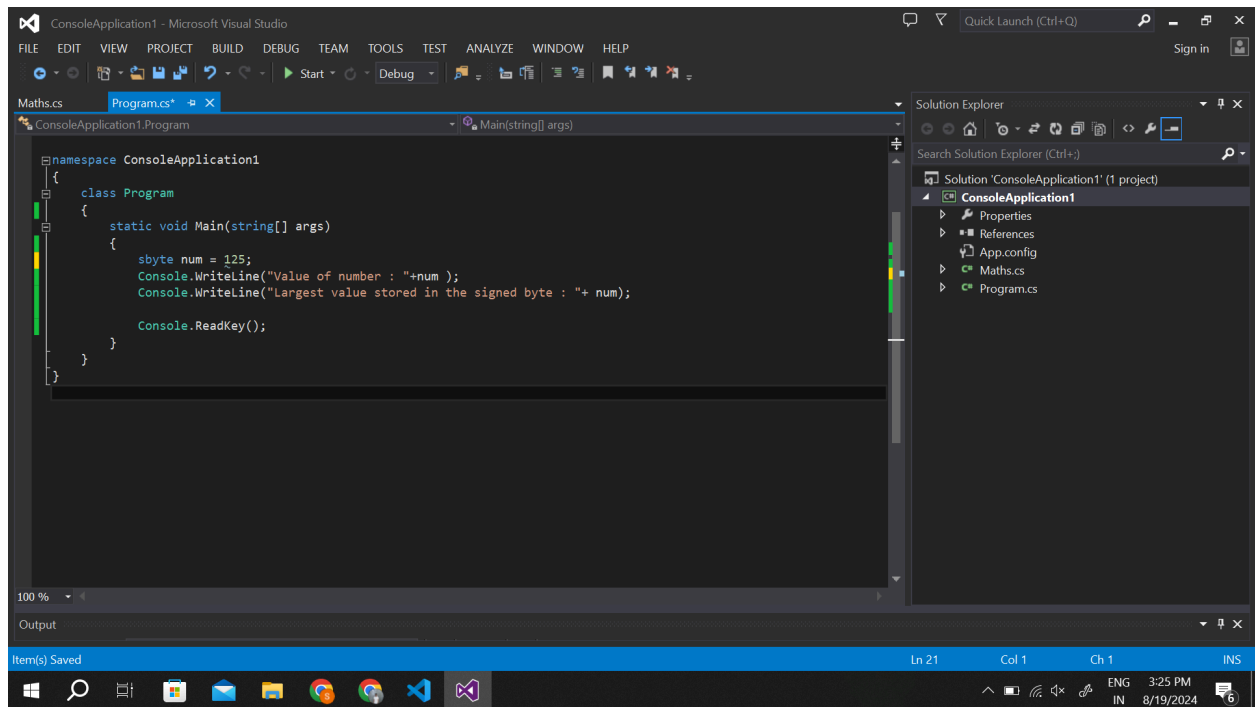
            Console.WriteLine("Cost of Pizzas :"+ pizzaPrize );
            Console.WriteLine("Cost of Puffs:" + puffsPrize);
            Console.WriteLine("Cost of Pepsi : " + pepsiPrize);
            Console.WriteLine("GST 12 % : " + total * 0.12);
            Console.WriteLine("CESS 12 % : " + total * 0.05);
            Console.WriteLine("Total Price : " + Convert.ToInt32(total));
            Console.ReadKey();
        }
    }
}
```

## Output:



```
file:///c:/users/siddharth.s/documents/visual studio 2013/Projects/ConsoleApplication1/ConsoleApplication1/bin/Debug/ConsoleApplication1.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 12 % :74
Total Price :1480
```

## 5.Code:



## Output:

