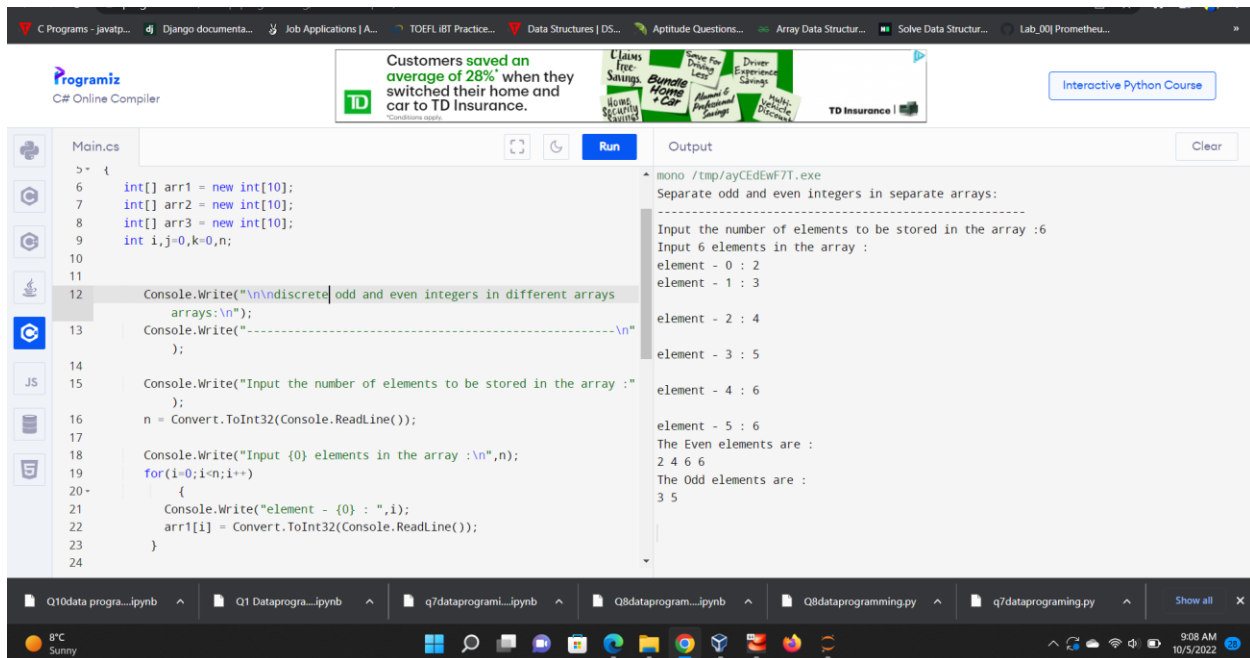


## Question 4 – Data Programming Problem set 1

### OUTPUT:



The screenshot shows a C# online compiler interface. The code in the editor is as follows:

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

namespace ConsoleApp1
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine("Separate odd and even integers in different arrays");
            Console.WriteLine("-----");
            Console.WriteLine("Input the number of elements to be stored in the array :");
            int n = Convert.ToInt32(Console.ReadLine());
            Console.WriteLine("Input {0} elements in the array :\n", n);
            for (i = 0; i < n; i++)
            {
                Console.WriteLine("element - {0} : ", i);
                arr1[i] = Convert.ToInt32(Console.ReadLine());
            }
        }
    }
}
```

The output window shows the following execution results:

```
mono /tmp/ayCedEwF71.exe
Separate odd and even integers in separate arrays:
-----
Input the number of elements to be stored in the array :6
Input 6 elements in the array :
element - 0 : 2
element - 1 : 3
element - 2 : 4
element - 3 : 5
element - 4 : 6
element - 5 : 6
The Even elements are :
2 4 6 6
The Odd elements are :
3 5
```