

```
//Laboratory Activity12
//Array Expression Evaluator
```

```
using System;
using System.Linq;
using System.Collections.Generic;
```

```
namespace HelloWold;
```

```
public static class Activity12
{
    public static void Main(String[] args)
    {
        int[] numbers = new int[10];
        int[] results = new int[10];

        Console.WriteLine("Enter 10 numbers:");

        for (int i = 0; i < numbers.Length; i++)
        {
            Console.Write($"Number {i + 1}: ");
            numbers[i] = int.Parse(Console.ReadLine());
        }
        Console.WriteLine("\nOriginal\tEvaluated");
        Console.WriteLine("———\t———");

        for (int i = 0; i < numbers.Length; i++)
        {
            int x = numbers[i];
            results[i] = (2 * x + 3) % 5;
            Console.WriteLine($"{x}\t\t{results[i]}");
        }
    }
}
```