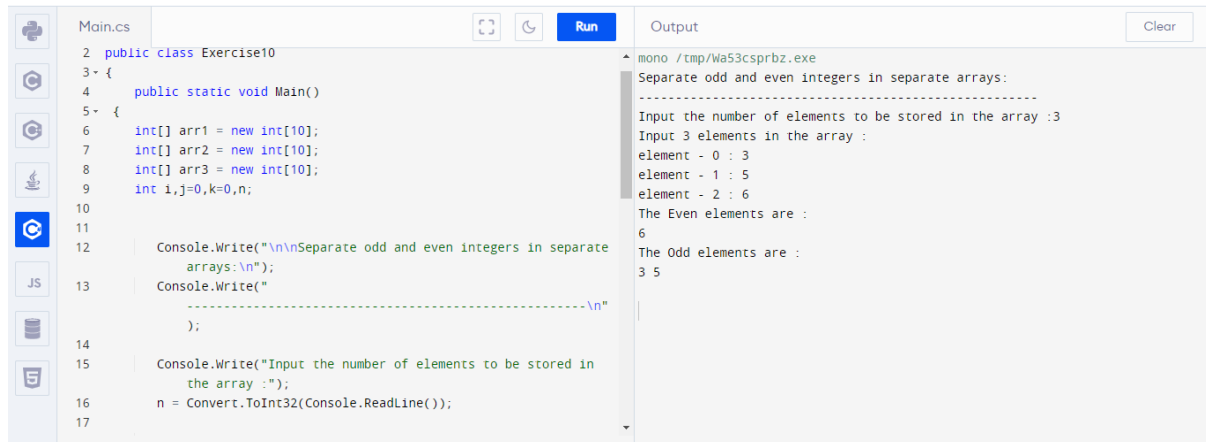


Q4 Write a program in C# Sharp to separate odd and even integers in separate arrays.



The screenshot shows a C# Sharp IDE with a file named 'Main.cs'. The code defines a class 'Exercise10' with a 'Main()' method. It initializes three integer arrays: 'arr1', 'arr2', and 'arr3', each of size 10. It also declares variables 'i', 'j', 'k', and 'n'. The program prints a message to separate odd and even integers into separate arrays, followed by a dashed line. It then prompts the user to input the number of elements to be stored in the array. The user input is 3. The program then prints the elements of the array: 'element - 0 : 3', 'element - 1 : 5', and 'element - 2 : 6'. It then prints the even elements: 'The Even elements are : 6' and the odd elements: 'The Odd elements are : 3 5'.

```
2 public class Exercise10
3 {
4     public static void Main()
5     {
6         int[] arr1 = new int[10];
7         int[] arr2 = new int[10];
8         int[] arr3 = new int[10];
9         int i,j=0,k=0,n;
10
11
12         Console.WriteLine("\n\nSeparate odd and even integers in separate
13         arrays:\n");
14         Console.WriteLine("
15         -----\n");
16
17         Console.WriteLine("Input the number of elements to be stored in
18         the array :");
19         n = Convert.ToInt32(Console.ReadLine());
```

Output

```
mono /tmp/Wa53csprbz.exe
Separate odd and even integers in separate arrays:
-----
Input the number of elements to be stored in the array :3
Input 3 elements in the array :
element - 0 : 3
element - 1 : 5
element - 2 : 6
The Even elements are :
6
The Odd elements are :
3 5
```