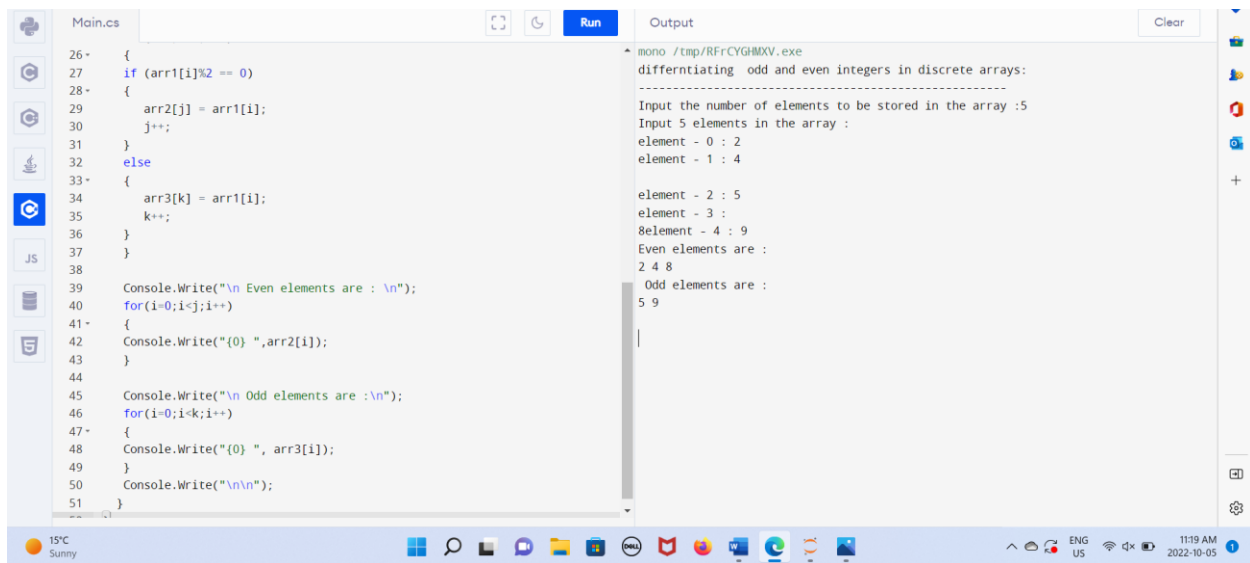


Q4 Data Programming Problem Set 1 – BDAT 1004

OUTPUT:



The screenshot shows a C# IDE with a file named 'Main.cs'. The code is as follows:

```
26- {
27-     if (arr1[i]%2 == 0)
28-     {
29-         arr2[j] = arr1[i];
30-         j++;
31-     }
32-     else
33-     {
34-         arr3[k] = arr1[i];
35-         k++;
36-     }
37- }
38-
39- Console.WriteLine("\n Even elements are : \n");
40- for(i=0;i<j;i++)
41- {
42-     Console.Write("{0} ",arr2[i]);
43- }
44-
45- Console.WriteLine("\n Odd elements are : \n");
46- for(i=0;i<k;i++)
47- {
48-     Console.Write("{0} ", arr3[i]);
49- }
50- Console.WriteLine("\n\n");
51- }
```

The output window shows the following text:

```
mono /tmp/RFrCYG#BXV.exe
differentiating odd and even integers in discrete arrays:
-----
Input the number of elements to be stored in the array :5
Input 5 elements in the array :
element - 0 : 2
element - 1 : 4

element - 2 : 5
element - 3 :
8element - 4 : 9
Even elements are :
2 4 8
Odd elements are :
5 9
```

The taskbar at the bottom shows the system clock as 11:19 AM on 2022-10-05, with a temperature of 15°C and a sunny weather icon.