```
static void Main(string[] args)
{

    Console.WriteLine("Enter size of array ");
    int size = int.Parse(Console.ReadLine());
    int[] arr = new int[size];
    Console.WriteLine(" Enter array element :");
    for (int i = 0; i < arr.Length; i++)
    {
        arr[i] = int.Parse(Console.ReadLine());
    }
    findevenodd(arr);
}
1 reference
public static void findevenodd(int[] arr)
{
    int evencount = 0, oddcount = 0;
    for (int i = 0; i < arr.Length; i++)
    {
        if (arr[i] % 2 == 0)
        {
            Console.WriteLine("{0} is even number ", arr[i]);
            evencount++;
        }
        else
        {
            Console.WriteLine("{0} is odd number ", arr[i]);
            oddcount++;
        }
    }
    Console.WriteLine("The number of even number = {0}", evencount);
    Console.WriteLine("The number of odd number = {0}", oddcount);

    Console.ReadKey();
}
```

```
E:\college of cs\second year\2nd term\OOP\task of section\lab 2 (4)1\lab 2 (4)1\bin\Debug\lab 2 (
Enter size of array
4
 Enter array element :
70
-30
-22
41
70 is even number
-30 is even number
-22 is even number
41 is odd number
The number of even number = 3
The number of odd number = 1
```

```
0 references
internal class Program
{
    0 references
    static void Main(string[] args)
    {
        Console.WriteLine("Enter the size of array");
        int size=int.Parse(Console.ReadLine());
        int[] array = new int[size];
        for (int i = 0; i < array.Length; i++)
        {
            Console.WriteLine(" Enter the value of array  ");
            array[i] = int.Parse(Console.ReadLine());
        }
        Console.WriteLine("Enter number to check in array or not");
        int givennumber = int.Parse(Console.ReadLine());
        bool searchFound = false;
        for (int i = 0; i < array.Length; i++)
        {
            if (array[i] == givennumber)
            {
                Console.WriteLine($"The element { givennumber } is found at index {i} ");
                searchFound = true;
            }
        }
        if (!searchFound)
            Console.WriteLine("This number does not exist in array");
        Console.ReadKey();
    }
}
```

```
E:\college of cs\second year\2nd term\OOP\task of section\serach\serach\bin\Debug\serach.exe
Enter the size of array
5
 Enter the value of array
70
 Enter the value of array
-30
 Enter the value of array
-22
 Enter the value of array
41
 Enter the value of array
40
Enter number to check in array or not
40
The element 40 is found at index 4
```