

```
import java.util.Scanner;
class Main
{
    public static void main(String[] args)
    {
        Scanner input=new Scanner(System.in);
        System.out.println("Enter size of array:");
        int num=input.nextInt();
        int[] array=new int[num];
        System.out.println("Enter the elements");
        int i,odd=0,even=0;
        for(i=0;i<num;i++)
        {
            array[i]=input.nextInt();
        }
        for(i=0;i<num;i++)
        {
            if(array[i]%2==0)
            {
                even++;
            }
            if(array[i]%2==1)
            {
                odd++;
            }
        }
        System.out.println("Number of even elements:"+even);
        System.out.println("Number of odd elements:"+odd);
    }
}
```