```java
import java.util.*;
public class Main
{
 public static void main(String[] args) {
  Scanner sc=new Scanner(System.in);
  int n;
  System.out.println("Enter array size");
  n=sc.nextInt();
  int[] arr=new int[n];
  System.out.println("Enter array elements");
  for(int i=0;i<n;i++){
     arr[i]=sc.nextInt();
  }
  int e=0,o=0;
  for(int i=0;i<n;i++){
     if(arr[i]%2 == 0){
        e++;
     }else{
        o++;
     }
  }
  System.out.println("Number of even elements"+"\n"+e);
   System.out.println("Number of odd elements"+"\n"+o);
 }
}
```