

Main.java

```
1 import java.util.*;
2 public class Main
3 {
4     public static void main(String args[])
5     {
6         Scanner sc=new Scanner(System.in);
7         int i,n;
8         System.out.println("Enter size of Array");
9         n=sc.nextInt();
10        int arr[]=new int[n];
11        int x=0,y=0,z=0;
12        System.out.println("Enter elements of the array");
13        for(i=0;i<n;i++)
14        {
15            arr[i]=sc.nextInt();
16        }
17        for(i=0;i<n;i++)
18        {
19            if(arr[i]==0)
20                x++;
21            else if(arr[i]>0)
22                y++;
23            else if(arr[i]<0)
24                z++;
25        }
26        System.out.println("The number of positive numbers are "+y);
27        System.out.println("The number of negative numbers are "+z);
28        System.out.println("The number of zeros are "+x);
29    }
30 }
```



Enter size of Array

5

Enter elements of the array

12

545

0

-232

-464

The number of positive numbers are 2

The number of negative numbers are 2

The number of zeros are 1

...Program finished with exit code 0

Press ENTER to exit console.