

Code:

```
import java.util.*;

public class lab1_ex_02
{
    private static int[] n;
    private static int c_pos=0;
    private static int c_neg=0;
    private static int c_zer=0;
    public static void main(String[] args)
    {
        int size;

        Scanner sc=new Scanner(System.in);

        System.out.println("Enter The Number N");
        size=sc.nextInt();

        n=new int[size];

        System.out.println("Enter Elements");
        for(int i=0;i<size;i++)
        {
            n[i]=sc.nextInt();
        }
        for(int i=0;i<size;i++)
        {
            if(n[i]>0)
                c_pos++;
            else if(n[i]<0)
                c_neg++;
            else
                c_zer++;
        }

        System.out.println("Total Positive Number in the array= " + c_pos);
        System.out.println("Total Negative Number in the neagative array= " + c_neg);
    }
}
```

```
        System.out.println("Total Zeroes In The Array= " + c_zero);  
    }  
}
```

Output:

```
c:\00J-lab-programs>java lab1_ex_02  
Enter The Number N  
5  
Enter Elements  
1  
2  
-2  
0  
0  
Total Positive Number in the array= 2  
Total Negative Number in the neagative array= 1  
Total Zeroes In The Array 2  
c:\00J-lab-programs>_
```