

```

import java.util.Scanner;

public class Main {
    private static Scanner sc;
    public static void main(String[] args)
    {
        int Size, i;
        int positiveCount = 0, negativeCount = 0, zerocount = 0;
        sc = new Scanner(System.in);

        System.out.print(" Please Enter Number of elements in an array : ");
        Size = sc.nextInt();

        int [] a = new int[Size];

        System.out.print(" Please Enter " + Size + " elements of an Array : ");
        for (i = 0; i < Size; i++)
        {
            a[i] = sc.nextInt();
        }

        for(i = 0; i < Size; i++)
        {
            if(a[i] > 0)
            {
                positiveCount++;
            }
            else if (a[i] == 0)
            {
                zerocount++;
            }
            else
            {
                negativeCount++;
            }
        }
        System.out.println("\n Total Number of Positive Numbers in this Array = " +
        positiveCount);
        System.out.println("\n Total Number of Negative Numbers in this Array = " +
        negativeCount);
        System.out.println("\n Total Number of Zero's in this Array = " + zerocount);
    }
}

```

```

Main.java
1  import java.util.Scanner;
2
3  public class Main {
4      private static Scanner sc;
5      public static void main(String[] args)
6      {
7          int Size, i;
8          int positiveCount = 0, negativeCount = 0, zerocount = 0;
9          sc = new Scanner(System.in);
10
11          System.out.print(" Please Enter Number of elements in an array : ");
12          Size = sc.nextInt();
13
14          int [] a = new int[Size];
15
16          System.out.print(" Please Enter " + Size + " elements of an Array : ");
17          for (i = 0; i < Size; i++)
18          {
19              a[i] = sc.nextInt();
20          }
21
22          for(i = 0; i < Size; i++)
23          {
24              if(a[i] > 0)
25              {
26                  positiveCount++;
27              }
28              else if (a[i] == 0)
29              {
30                  zerocount++;
31              }
32              else
33              {
34                  negativeCount++;
35              }
36          }
37          System.out.println("\n Total Number of Positive Numbers in this Array = " + positiveCount);
38          System.out.println("\n Total Number of Negative Numbers in this Array = " + negativeCount);
39          System.out.println("\n Total Number of Zero's in this Array = " + zerocount);
40      }
41  }

```

Input

```

Please Enter Number of elements in an array : 5
Please Enter 5 elements of an Array : 3
-1
0
-3
9

Total Number of Positive Numbers in this Array = 2

Total Number of Negative Numbers in this Array = 2

Total Number of Negative Numbers in this Array = 1

...Program finished with exit code 0
Press ENTER to exit console.

```