

2

Algorithm.

class n2.

{

public static void main ()

{

n → size of array from user.

arr → contents of array from user.

int p=0, ne=0, z=0;

for int i=0 → n-1

if arr[i] < 0

ne++;

else if arr[i] > 0

p++;

else.

z++;

Display (ne, p, z);

}

{

```
import java.util.*;
```

```
class numbers
```

```
{
```

```
    public static void main()
```

```
    {
```

```
        int n;
```

```
        Scanner sc = new Scanner(System.in);
```

```
        System.out.println("Enter array size");
```

```
        n = sc.nextInt();
```

```
        int p=0, ne=0, z=0;
```

```
        int[] arr = new int[n];
```

```
        for (int i=0; i<n; i++)
```

```
            if (arr[i] < 0)
```

```
                ne++;
```

```
            else if (arr[i] > 0)
```

```
                p++;
```

```
            else
```

```
                z++;
```

```
        System.out.println("The array has"  
            + p + " +ve" + ne + " -ve" + z + " zero");
```

```
    }
```

```
}
```

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vj2001@VJ:~/ooj-lab\$ java numbers

Enter the size of the array!

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Enter the elements of the array!

-2 -1 0 1 2

The number of positive elements are: 2

The number of negative elements are: 2

The Number of zero numbers are: 1

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