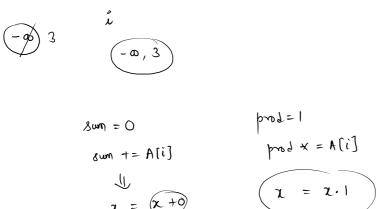
Maximum of Array

Problem Submissions Leaderboard Discussions

$$\max = -903$$



$$z = x + 0$$

$$x =$$

max = 0

$$\max = -\infty - 2$$

$$(2, -\infty)$$

$$\max = -\infty // - \underline{\text{ve most number}}$$

$$\max (x, -\infty) = x$$

$$max = -2147483648$$

$$= max (72, -2147483648)$$

1 vimport java.io.*; import java.util.*; 4 public class Solution { public static void main(String[] args) { Scanner scn = new Scanner(System.in); int n = scn.nextInt(); int [] A = new int[n]; for(int i = 0; i < n; i++){ A[i] = scn.nextInt(); //process int max = Integer.MIN_VALUE;//-2147483648; for(int i = 0; i < n; i++){ max = Math.max(A[i], max); System.out.println(max);

```
max = -2147 48 86 48 8 48 7 7 7 7
```

$$pmd = 1 \quad 1. \quad x = x$$

$$pmd = 1 \quad 1. \quad x = x$$

$$max = -\infty \quad -\infty, \quad x = x$$

10 11 1

12 13

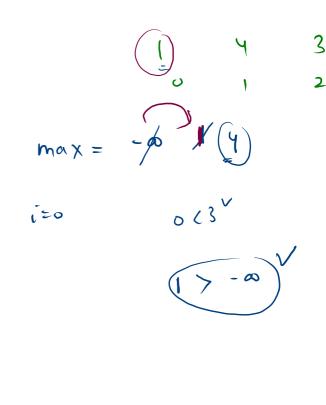
14

15 16

17 18

19 20 }

```
int max = Integer.MIN_VALUE;//-2147483648;
for(int i = 0; i < n; i++){
   // max = Math.max(A[i], max);
   if(A[i] > max){
        max = A[i];
System.out.println(max);
     [=/
```



```
1 vimport java.io.*;
   import java.util.*;
 3
4 *public class Solution {
 5
6 ₹
        public static void main(String[] args) {
7
            Scanner scn = new Scanner(System.in);
 8
            int n = scn.nextInt();
9 .
            int [] A = new int[n];
10 ₹
            for(int i = 0; i < n; i++){
11 v
                A[i] = scn.nextInt();
12
13
            //process
14
            int max = Integer.MIN_VALUE;//-2147483648;
            for(int i = 0; i < n; i++){
15 ▼
                // max = Math.max(A[i], max);
16
17 v
                if(A[i] > max){
18 ▼
                    max = A[i];
19
20
21
            System.out.println(max);
22
```

23 }

```
1 import java.io.*;
2 import java.util.*;
4 public class Solution {
 5
 6
      public static void main(String[] args) {
           Scanner scn = new Scanner(System.in);
8
          int n = scn.nextInt();
9
          int [] A = new int[n];
           for(int i = 0; i < n; i++){
11
               A[i] = scn.nextInt();
12
13
          //process
14
          int max = A[0];
15
           for(int i = 0; i < n; i++){
16
               // max = Math.max(A[i], max);
17
               if(A[i] > max){
18
                   max = A[i];
19
20
21
           System.out.println(max);
22
23 }
```

$$max = \frac{3}{4} \quad (A[0])$$

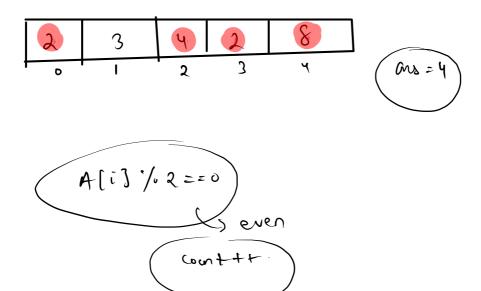
$$\frac{1}{4} \quad \frac{A[i]}{3} > max$$

GKSTR35 Count_Even

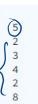
Problem Submissions Leaderboard Discussi

Given an integer **n**, the task is to define an integer array **arr[]** of size **n** &

Print the Count / Number of even elements in the array.



Sample Input 0

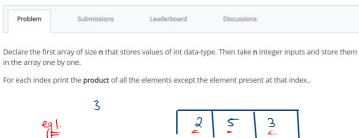


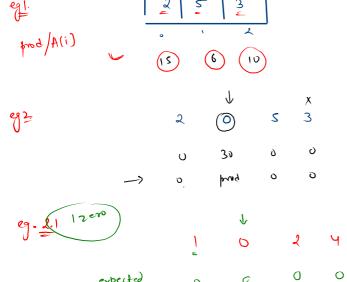
Sample Output 0

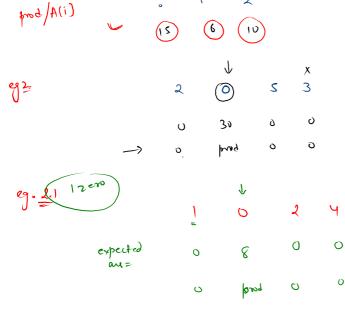


```
n = 5
 1 import java.io.*;
 2 import java.util.*;
4 public class Solution {
      public static void main(String[] args) {
          Scanner scn = new Scanner(System.in);
                                                       count = 8 1 7 3
          int n = scn.nextInt();
          int [] A = new int[n];
10
          for(int i = 0; i < n; i++){
11
              A[i] = scn.nextInt();
12
13
14
          int count = 0:
15
          for(int i = 0; i < n; i++){
                                                                     (CS)
16
              if(A[i] \% 2 == 0){
17
                  count++;
18
              }else oddcont #
19
20
          System.out.println(count);
                                                                                                  465
21
22 }
                                     n-count
```

Product of Elements Except Itself









2×5 x 3 =

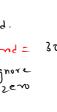
0

0

O

0

0



```
NO 2000 ( 2000=0)
public static void main(String[] args) {
  Scanner scn = new Scanner(System.in);
                                                                           2
                                            1=4
   for(int i = 0; i < n; i++){
                                                                    0
                                                                                       2
                                                                                             3
   int [] ans = new int[n];
   for(int i = 0; i < n; i++){
                                            (mod = 16 and )
       for(int i = 0; i < n; i++){
          ans[i] = prod/A[i];
                                                                                  3 (4
       for(int i = 0; i < n; i++){
                                                                         ms(3) = 16/2 = 8
              ans[i] = prod;
   for(int i = 0; i < n; i++){
       System.out.println(ans[i]);
```

pood

except =

2000

1 vimport java.io.*; 2 import java.util.*;

6

8

9 *

10 •

11 v

13

14

15 ₹

18 v

19 ▼

20 ₹

21 *

23

24 25 ₹

26 ▼

27 ₹

28 29 🔻

30 ₹

31 ₹

32 ▼

34

35 36

37 ▼

38 ▼

39

16

4 *public class Solution {

int n = scn.nextInt();

int [] A = new int[n];

//logic start

int prod = 1;

int zero = 0;

}else{ zero++;

if(zero == 0){

}else if(zero == 1){

}

}

//print

}

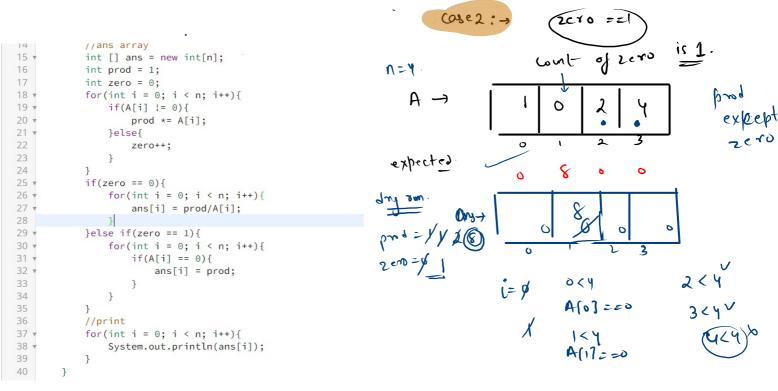
//ans array

A[i] = scn.nextInt();

if(A[i] != 0){

prod *= A[i];

 $if(A[i] == 0){$



More

//uns array 15 • int [] ans = new int[n]; int prod = 1; 16 17 int zero = 0; 18 • for(int i = 0; i < n; i++){ 19 • if(A[i] != 0){ 20 • prod *= A[i]; 21 * }else{ 22 zero++; 23 } 24 25 ▼ if(zero == 0){ 26 • for(int i = 0; i < n; i++){ 27 * ans[i] = prod/A[i]; 28 }else if(zero == 1){ 29 ₹ 30 • for(int i = 0; i < n; i++){ 31 🔻 $if(A[i] == 0){$ 32 🔻 ans[i] = prod; 33 34 } 35 36 //print 37 ▼ for(int i = 0; i < n; i++){ 38 ▼ System.out.println(ans[i]); 39 40

7

n - S ζ expected -O CM -) 0 0 0 0 3 0

```
2 import java.util.*;
 4 *public class Solution {
        public static void main(String[] args) {
            Scanner scn = new Scanner(System.in);
            int n = scn.nextInt();
            int [] A = new int[n];
 10 4
            for(int i = 0; i < n; i++){
11 v
               A[i] = scn.nextInt();
 12
13
             //logic start
14
            //ans array
15 v
             int [] ans = new int[n];
16
             int prod = 1;
17
             int zero = 0;
18
             for(int i = 0; i < n; i++){
19 +
                 if(A[i] != 0){
20 1
                     prod *= A[i];
21 v
                 }else{
22
                     zero++;
23
24
25 v
             if(zero == 0){
                 for(int i = 0; i < n; i++){
26 *
27 v
                     ans[i] = prod/A[i];
28
29 ₹
             }else if(zero == 1){
30 ₹
                 for(int i = 0; i < n; i++){
31 v
                     if(A[i] == 0){
32 +
                         ans[i] = prod;
33
34
35
36
             //print
37 ₹
             for(int i = 0; i < n; i +):
38 ₹
                 System.out.println(ans[/]);
39
```

```
Cose 3: 2000

(ose 3: 2000
```

Check Characterstic

Problem

Submissions

Leaderboard

D

Sample Input 0



N= 5

For each index,

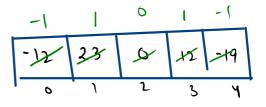
Store 1) at that index if the element at that index is greater than zero.

Store 0 at the index if the element at that index is equal to zero.

Store -1) at the index if the element at that index is less than zero.

In the end print the complete array one by one.

Sample Output 0





```
1 import java.io.*;
 2 import java.util.*;
  public class Solution {
 5
 6
       public static void main(String[] args) {
 7
           Scanner scn = new Scanner(System.in);
 8
           int n = scn.nextInt();
 9
           int [] A = new int[n];
10
           for(int i = 0; i < n; i++){
11
               A[i] = scn.nextInt();
12
           7
13
           //logic
14
           for(int i = 0; i < n; i++){
15
               if(A[i] > 0){
                   A[i] = 1;
16
               }else if(A[i] < 0){
17
18
                   A[i] = -1;
19
20
           }
21
22
           //output
23
           for(int i = 0; i < n; i++){
               System.out.print(A[i] + " ");
24
25
26
27
28 }
```