

# Frequency of odd and even numbers

Problem	Submissions	Leaderboard	Discussions
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Write a C program to find the frequency of odd and even numbers in the 1D array.

Input Format

- The first input value represents the number of elements in the array.
- The other inputs represents the values to be stored in the array.

Constraints

Use integer array.

Output Format

- First output value represents the frequency of **even** numbers.
- Second output value represents the frequency of **odd** numbers.

Sample Input 0

4  
12  
11  
15  
17

Sample Output 0

1  
3

f t in

Submissions: 37

Max Score: 10

Difficulty: Easy

Rate This Challenge:

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More

Current Buffer (saved locally, editable) C

```
1 #include <stdio.h>
2 #include <string.h>
3 #include <math.h>
4 #include <stdlib.h>
5
6 int main()
7 {
8     int arr[100],n,i,a=0,c=0;
9     scanf("%d",&n);
10
11     for(i=0;i<n;i++)
12     {
13         scanf("%d",&arr[i]);
14     }
15     for(i=0;i<n;i++)
16     {
17         if(arr[i]%2==0)
18         {
19             a++;
20         }
```

21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31

```
        else
        {
            c++;
        }
    }

    printf("%d\n",a);
    printf("%d",c);

    return 0;
}
```

Line: 1 Col: 1

Upload Code as File

☐ Test against custom input

Run Code

Submit Code

Testcase 0

Congratulations, you passed the sample test case.

Click the **Submit Code** button to run your code against all the test cases.

Input (stdin)

4  
12  
11  
15  
17

Your Output (stdout)

1  
3

Expected Output

1  
3