



Problem: Week 1 - Count odd and even number from a sequence

Description

Given a sequence of integer a_1, a_2, \dots, a_n . Count the number of odd elements and even elements of the sequence.

Input

- Line 1: contains a positive integer n ($1 \leq n \leq 100000$)
- Line 2: contains a_1, a_2, \dots, a_n . ($1 \leq a_i \leq 1000000$)

Output

- Write the number of odd elements and the number of even elements (separated by a SPACE character)

Example

Input

```
6
2 3 4 3 7 1
```

Output

```
4 2
```

Sample TestCase

C 17



1 Write your Source code here

Source code

C 17



```
1 //C
2 #include <stdio.h>
3
4 int main()
5 {
6
7 }
```

SUBMIT CODE

Currently, this contest problem is not open for submissions

Or

C 17

Select file

SUBMIT

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Tìm kiếm

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