Problem F5102
Find The Number

You are given a sequence of integer $a_1, a_2, \ldots, a_n$. You have a favorite number k, and you want to know the occurrence of k in the given sequence.

Input

The first line consist of two space separated integer $n(1 \leq n \leq 100)$ and $k(-100 \leq k \leq 100)$, denoting the total number of integers in the sequence and your favorite number.

The second line consist of n space separated integers $a_1, a_2, \ldots, a_n$, and each a_i is between -100 and 100 inclusive$(-100 \leq a_i \leq 100)$.

Output

Find how many of the integers in the sequence is equal to k, and print the answer in a single line.

Sample Input

```
4 3
1 -1 3 -3
```

Sample Output

```
1
```