

Equal to the last one

Write a program that reads a non-empty sequence of integer numbers, and tells how many of them are equal to the last one.

Input

Input consists of a natural number $n > 0$, followed by n integer numbers.

Output

Print the number of elements that are equal to the last one, this one excluded.

Public test cases

Input

```
9
1 7 3 2 4 7 5 8 7
```

Output

```
2
```

Input

```
5
-3 10 0 -2 7
```

Output

```
0
```