

Tricolor Flag



NCU is celebrating Independence Day today. You are the head of Art and Craft team of NCU. So, its your reponsibility to make tricolor flags for every guest. Every tricolor flag is made up of three colored strips i.e. **Saffron, White and Green**. There is a box having n colored strips but you don't how many strips are there of each color but you know that there is no strip of color other than Saffron, White and Green. You are given the details of color of the strips in the box. You need to find out how many **maximum tricolor flags** can be made out of it.

Input Format

The first line will have a single integer denoting n i.e. the number of strips in the box.

The next n lines will have a single character having S , W or G where S denotes Saffron, W denotes White, and G denotes Green colored strips.

Constraints

$$1 \leq n \leq 10^9$$

Output Format

Print a single integer denoting number of maximum flags that can be made.

Sample Input 0

```
7
G
W
S
S
W
G
W
```

Sample Output 0

```
2
```

Explanation 0

In total we have 2 Saffron, 3 White and 2 Green Colored Strips.

So, we can make maximum of 2 tricolor flags with them.