

## Problem E. Ateeb and his points!

**Time limit** 2000 ms

**Mem limit** 1048576 kB

### Problem Statement

ACM's Ateeb is on a mission to conquer a series of tricky quiz questions during his school's annual Brain Buster competition. He's determined to win but knows he might need a few lucky breaks along the way!

At the start, Ateeb has  $X$  points in his mental "score stash." Every time he answers a question correctly, he gains 1 point, feeling like a true quiz champion. But if he answers incorrectly, he loses 1 point and silently wishes he had paid more attention in class.

However, there's a catch: if Ateeb's score hits 0, he becomes "immune to embarrassment" and doesn't lose any more points, no matter how many wrong answers he gives!

You are given a string  $S$  that records Ateeb's quiz performance. If the  $i$ -th character of  $S$  is **o**, Ateeb answered the  $i$ -th question correctly. If it's **x**, well... let's just say it wasn't his finest moment.

Your job is to calculate Ateeb's final score and see if he has enough points to boast about his quiz skills to his friends.

### Constraints

- $1 \leq N \leq 2 \times 10^5$
- $0 \leq X \leq 2 \times 10^5$
- $S$  is a string of length  $N$  consisting of **o** and **x**.

### Input

Input is given from Standard Input in the following format:

```
 $N$   $X$   
 $S$ 
```

## Output

Print the number of points Ateeb will have in the end.

### Sample 1

Input	Output
3 0 xox	0

Initially, he has 0 points.

He answers the first question incorrectly but loses nothing because he has no point.

Then, he answers the second question correctly, gains 1 point, and now has 1 point.

Finally, he answers the third question incorrectly, loses 1 point, and now has 0 points.

Thus, he has 0 points in the end. We should print 0.

### Sample 3

Input	Output
20 10 xxxxxxxxxxxxxxxxxxxxxx	0