Problem G: Evaluating

Input file: standard input
Output file: standard output
Time limit: 1s
Balloon color: Red

Yesterday was your midterm exam, and you've got a result like "OXXXOXOOOO". An 'O' means a correct answer of a certain problem and an 'X' means a wrong answer. As usual, the score of this exam is calculated by the sum of the score of each problem.

The score of each problem is calculated by this:

- If the answer for the problem is incorrect, the score is 0. For example, the score of the third problem is 0.
- If the answer for the problem is correct, the score is calculated by itself and its just previous consecutive 'O's. For example, the score of the 10th problem is 4 since there are 4 consecutive 'O's.

Therefore, the score of "OXXXOXOOOO" is 12 which is calculated by "1+0+0+0+1+0+1+2+3+4".

Given the result of your midterm exam, write a program that calculates the score of the exam.

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Input

You are given a string that consists of only 'O' and 'X' and the length of the string is more than 0 and less than 80.

Output

Print exactly one line that contains the score of the exam.

Examples

Sample Input 1	Sample Output 1
OOO	6

Sample Input 2	Sample Output 2
OOOOXXOOXX	13