

Sami's spaceship crashed on Mars! She sends a series of sos messages to Earth for help.



Letters in some of the sos messages are altered by cosmic radiation during transmission. Given the signal received by Earth as a string, *s*, determine how many letters of Sami's sos have been changed by radiation.

For example, Earth receives `sostot`. Sami's original message was `sosssos`. Two of the message characters were changed in transit.

Function Description

Complete the *marsExploration* function in the editor below. It should return an integer representing the number of letters changed during transmission.

marsExploration has the following parameter(s):

- *s*: the string as received on Earth

Input Format

There is one line of input: a single string, *s*.

Note: As the original message is just sos repeated *n* times, *s*'s length will be a multiple of **3**.

Constraints

- $1 \leq |s| \leq 99$
- $|s| \% 3 = 0$
- *s* will contain only uppercase English letters, `ascii[A-Z]`.

Output Format

Print the number of letters in Sami's message that were altered by cosmic radiation.

Sample Input 0

`SOSSPSSQSSOR`

Sample Output 0

3

Explanation 0

s = `SOSSPSSQSSOR`, and signal length $|s| = 12$. Sami sent **4** sos messages (i.e.: $12/3 = 4$).

Expected signal: `SOSSOSSOSSOS`
Recieved signal: `SOSSPSSQSSOR`
Difference: X X X

We print the number of changed letters.

Sample Input 1

`SOSSOT`

Sample Output 1

1

Explanation 1

s = SOSSOT, and signal length $|s| = 6$. Sami sent **2** sos messages (i.e.: $6/3 = 2$).

Expected Signal: SOS SOS
Received Signal: SOSSOT
Difference: X

We print the number of changed letters, which is **1**.

Sample Input 2

SOS SOS SOS

Sample Output 2

0

Explanation 2

Since no character is altered, we print 0.