

Mars Exploration

A space explorer's ship crashed on Mars! They send 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 the `SOS` message have been changed by radiation.

Example

$s = \text{'SOSTOT'}$

The original message was `SOSSOS`. Two of the message's characters were changed in transit.

Function Description

Complete the `marsExploration` function in the editor below.

`marsExploration` has the following parameter(s):

- *string s*: the string as received on Earth

Returns

- *int*: the number of letters changed during transmission

Input Format

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

Constraints

- $1 \leq \text{length of } s \leq 99$
- $\text{length of } s \bmod 3 = 0$
- s will contain only uppercase English letters, `ascii[A-Z]`.

Sample Input 0

SOSSPSSQSSOR

Sample Output 0

3

Explanation 0

$s = \text{SOSSPSSQSSOR}$, and signal length $|s| = 12$. They sent 4 **SOS** messages (i.e.: $12/3 = 4$).

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

Sample Input 1

SOSSOT

Sample Output 1

1

Explanation 1

$s = \text{SOSSOT}$, and signal length $|s| = 6$. They sent 2 **SOS** messages (i.e.: $6/3 = 2$).

```
Expected Signal: SOSSOS
Received Signal: SOSSOT
Difference:      X
```

Sample Input 2

SOSSOSSOS

Sample Output 2

0

Explanation 2

Since no character is altered, return 0.