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

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

Sample Input 0

```
SOSSPSSQSSOR
```

/

Sample Output 0

```
3
```

Explanation 0

s = **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 = **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.

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