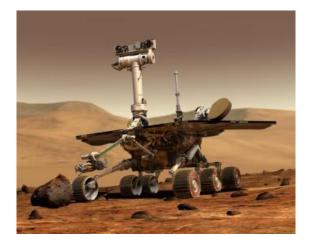
Mars Exploration



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 = '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

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

Sample Input 0

Sample Output 0

3

Explanation 0

s = SOSSPSSQSSOR, and signal length |s|=12. They sent $4 \frac{1}{12}$ 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.