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

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

Explanation

Sample 0

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

Expected signal: **SOSSOSSOSSOS**

Recieved signal: **SOSSPSSQSSOR**

We print the number of changed letters, which is 3.

Sample 1

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

Expected Signal: **SOSSOS**

Received Signal: **SOSSOT**

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

Language

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Difficulty Easy
Max Score 100
Submitted By 17084

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```cpp
#include <bits/stdc++.h>

using namespace std;

/*
 * Complete the 'marsExploration' function below.
 *
 * The function is expected to return an INTEGER.
 * The function accepts STRING s as parameter.
 */

int marsExploration(string s) {

}

int main()
{
    ofstream fout(getenv("OUTPUT_PATH"));

    string s;
    getline(cin, s);

    int result = marsExploration(s);

    fout << result << "\n";

    fout.close();

    return 0;
}

```

Line: 31 Col: 1

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