



PRACTICE

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SaibaJouchiro ▾

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Akash's Marbles

locked

Problem

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Discussions

Akash and Rohan are on vacation from school due to the spread of Coronavirus worldwide. They decide to play with marbles they have. The marbles are all either red, green or blue. They are laid out in a row in a random order and Akash starts wondering how many marbles he would have to remove to ensure that no two consecutive marbles are of the same color. Can you help Akash figure it out?

Input Format

The first line contains integer n — the number of stones on the table.

The next line contains string s , which represents the colors of the stones. We'll consider the stones in the row numbered from 1 to n from left to right. Then the i -th character s equals "R", if the i -th stone is red, "G", if it's green and "B", if it's blue.

Constraints

$$1 \leq n \leq 50$$

Output Format

Print a single integer indicating the number of marbles to remove

Sample Input 0

```
3
RRG
```

Sample Output 0

```
1
```

Explanation 0

Removing the second marble satisfies the condition

Sample Input 1

```
5
RRRRR
```

Sample Output 1

```
4
```



Submissions: [41](#)



Max Score: 50

Difficulty: Easy

Rate This Challenge:

Solved: 60
Attempted: 74

[More](#)

Current Buffer (saved locally, editable)  

Java 8



```
1 ▼ import java.io.*;
2  import java.util.*;
3
4 ▼ public class Solution {
5
6 ▼     public static void main(String[] args) {
7 ▼         /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be
           named Solution. */
8         }
9     }
```

Line: 1 Col: 1

 [Upload Code as File](#) ☐ Test against custom input

Run Code

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