

PROBLEMS SUBMIT STATUS STANDINGS CUSTOM TEST

A. Stones on the Table

time limit per test: 2 seconds
memory limit per test: 256 megabytes
input: standard input
output: standard output

There are n stones on the table in a row, each of them can be red, green or blue. Count the minimum number of stones to take from the table so that any two neighboring stones had different colors. Stones in a row are considered neighboring if there are no other stones between them.

Input

The first line contains integer n ($1 \leq n \leq 50$) — 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.

Output

Print a single integer — the answer to the problem.

Examples

input	Copy
3 RRG	
output	Copy
1	
input	Copy
5 RRRRR	
output	Copy
4	
input	Copy
4 BRBG	
output	Copy
0	

→ Attention

The package for this problem was not updated by the problem writer or Codeforces administration after we've upgraded the judging servers. To adjust the time limit constraint, a solution execution time will be multiplied by 2. For example, if your solution works for 400 ms on judging servers, then the value 800 ms will be displayed and used to determine the verdict.

Codeforces Round #163 (Div. 2)

Finished

Practice



→ Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest

→ Clone Contest to Mashup

You can clone this contest to a mashup.

Clone Contest

→ Submit?

Language: Python 3.8.10

Almost always, if you send a solution on PyPy, it works much faster

Choose file:

Choose File

 No file chosen

Submit

→ Problem tags

implementation *800

No tag edit access

→ Contest materials

- Announcement
- Tutorial



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