

## 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	
3	
RRG	
output	
1	

input	
5	
RRRRR	
output	
4	

input	
4	
BRBG	
output	
0	

### → Attention

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, solution execution time will be multiplied by 2. For example, if your solution works for 400 ms on judging servers, then value 800 ms will be displayed and used to determine the verdict.

### Codeforces Round #163 (Div. 2)

Finished

### → Virtual participation

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Start virtual contest

### → Problem tags

implementation

No tag edit access

### → Contest materials

- Announcement 
- Tutorial 