

Paint The Tiles

Nikita has a line of N tiles indexed from 0 to $N-1$. She wants to paint them to match a color configuration, C , which is comprised of 2 colors: Red(R) and Blue(B) .

In one stroke, Nikita can paint 1 or more adjacent tiles a single color. After she finishes painting, each tile i should be painted color C_i .

It should be noted that it is not allowed to apply more than 1 stroke on a tile.

Given the required color configuration, find and print the *minimum* number of strokes required for Nikita to paint all N tiles.

Note: In a line of tiles, 2 tiles with the indices i and j are considered adjacent only if $|j-i|=1$.

Input Format

The first line contains a single integer, N , denoting the number of tiles to be painted.
The second line contains a string, C , denoting the desired color configuration.

For each character C_i in C :

- If $C_i = \text{"R"}$, it means the i^{th} tile must be painted *red*.
- If $C_i = \text{"B"}$, it means the i^{th} tile must be painted *blue*.

Constraints

- $1 \leq N \leq 1000$
- $C_i \in \{\text{"R"}, \text{"B"}\}$

Output Format

Print the minimum number of strokes required to paint all N tiles in the desired color configuration.

Sample Input 0

```
5
RRRRR
```

Sample Output 0

```
1
```

Sample Input 1

```
5
RRBRR
```

Sample Output 1

```
3
```

Sample Input 2

5
BRBRB

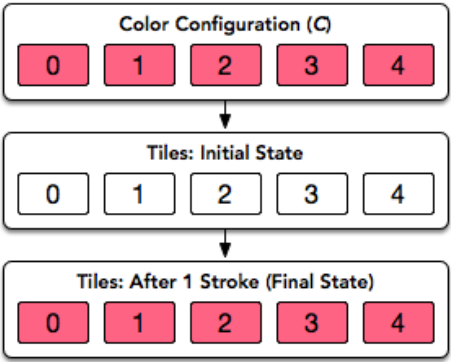
Sample Output 2

5

Explanation

Sample Case 0:

Nikita will paint all 5 consecutive tiles red in a single stroke:



Sample Case 1:

Nikita will need 3 strokes to paint all 5 tiles:

