Special String Again ★

Problem Submissions Leaderboard Editorial 🖰

A string is said to be a special string if either of two conditions is met:

- All of the characters are the same, e.g. aaa.
- All characters except the middle one are the same, e.g. aadaa.

A special substring is any substring of a string which meets one of those criteria. Given a string, determine how many special substrings can be formed from it.

Function Description

Complete the substrCount function in the editor below. It should return an integer representing the number of special substrings that can be formed from the given string.

substrCount has the following parameter(s):

- n: an integer, the length of string s
- s: a string

Input Format

The first line contains an integer, $m{n}$, the length of $m{s}$.

The second line contains the string 8.

Constraints

$1 \le n \le 10^6$

Each character of the string is a lowercase alphabet, ascii[a-z].

Output Format

Print a single line containing the count of total special substrings.

Sample Input 0

5 asasd

Sample Output 0

7

Explanation 0

The special palindromic substrings of s = asasd are $\{a, s, a, s, d, asa, sas\}$

Sample Input 1

abcbaba

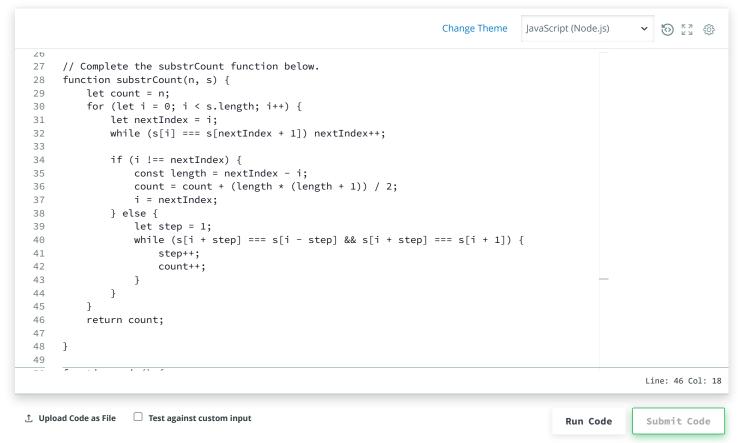
Sample Output 1

10

Explanation 1

The special palindromic substrings of s = abcbaba are $\{a, b, c, b, a, b, a, bcb, bab, aba\}$

```
Sample Input 2
    4
    aaaa
Sample Output 2
    10
Explanation 2
The special palindromic substrings of s=\mathtt{aaaa} are \{\mathtt{a}\mathtt{,}\ \mathtt{a}\mathtt{,}\ \mathtt{a}\mathtt{,}\ \mathtt{aa}\mathtt{,}\ \mathtt{aa}\mathtt{,}\ \mathtt{aaa}\mathtt{,}\ \mathtt{aaaa}\}
```



Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

```
⊗ Sample Test case 0
                                                                                                                Download
                               Input (stdin)
                                1
⊗ Sample Test case 1
                                   asasd{-truncated-}
                                                                                    Download to view the full testcase
\odot Sample Test case 2
                               Your Output (stdout)
                                1 7
```

Expected Output Download

Contest Calendar | Blog | Scoring | Environment | FAQ | About Us | Support | Careers | Terms Of Service | Privacy Policy | Request a Feature