

Special String Again ★

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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.

Example

$s = \text{mmonopoo}$

s contains the following 12 special substrings: {~~m~~, n, o, n, o, p, o, o, non, ono, opo, oo}.

Function Description

Complete the substrCount function in the editor below.

substrCount has the following parameter(s):

- int n : the length of string s
- string s : a string

Returns

- int: the number of special substrings

Input Format

The first line contains an integer, n , the length of s .

The second line contains the string s .

Constraints

$$1 \leq n \leq 10^6$$

Each character of the string is a lowercase English letter, `ascii[a-z]`.

Sample Input 0

```
5
asasd
```

Sample Output 0

```
7
```

Explanation 0

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

Sample Input 1

```
7
abcbaba
```

Sample Output 1

10

Explanation 1

The special palindromic substrings of $s = \text{abcbaba}$ 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 $s = \text{aaaa}$ are **{a, a, a, a, aa, aa, aa, aaa, aaa, aaaa}**

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Language

C#



```
1 using System.CodeDom.Compiler;
2 using System.Collections.Generic;
3 using System.Collections;
4 using System.ComponentModel;
5 using System.Diagnostics.CodeAnalysis;
6 using System.Globalization;
7 using System.IO;
8 using System.Linq;
9 using System.Reflection;
10 using System.Runtime.Serialization;
11 using System.Text.RegularExpressions;
12 using System.Text;
13 using System;
14
15 class Solution {
16
17     // Complete the substrCount function below.
18     static long substrCount(int n, string s) {
19
20         long count = n;
21         for (int i = 0; i < s.Length; i++)
22         {
23             var first = s[i];
24             var diffIndex = -1;
25             for (int j = i+1; j < s.Length; j++)
26             {
27                 var curr = s[j];
```

Line: 79 Col: 1

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