



# Special Palindrome Again ☆

## Problem

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

For example, given the string  $s = \text{mnonopoo}$ , we have the following special palindromic substrings:

**{m, n, o, n, o, p, o, o, non, ono, opo, oo}.**

### Function Description

Complete the `substrCount` function in the editor below. It should return an integer representing the number of special palindromic 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,  $n$ , 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 alphabet, `ascii[a-z]`.

### Output Format

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

### 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}**

Java 7



```
1  import java.io.*;
2  import java.math.*;
3  import java.security.*;
4  import java.text.*;
5  import java.util.*;
6  import java.util.concurrent.*;
7  import java.util.regex.*;
8
9  public class Solution {
10
11      // Complete the substrCount function below.
12      static long substrCount(int n, String s) {
13
```

Line: 1



 **Upload Code as File**☐ **Test against custom input****Run Code****Submit Code**

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