



CHALLENGE INFORMATION

✔ You have already solved this challenge ! Though you can run the code with different logic !



Course	JAVA	Session	Strings	Question Information	Level 1 Challenge 66
Problem	<p>Question description</p> <p>There are N skittles lining up from left to right. The colors of these skittles will be given as a string S of length N consisting of lowercase English letters. The ith skittle from the left has the color that corresponds to the ith character of S.</p> <p>Adjacent skittles with the same color will fuse into one larger skittle without changing the color. If there were a skittle adjacent to this group of skittles before fusion, that skittle is now adjacent to the new larger skittle.</p> <p>Ultimately, how many skittles will be there?</p> <p>Constraints:</p> $1 \leq N \leq 105$ $ S = N$ <p>S consists of lowercase English letters.</p> <p>Input Format:</p> <p>First line of input contains an integer which has N which specifies the number of characters in string S</p> <p>Second line of input contains the string S</p>				

Output Format:

Print the final number of skittles

Test Cases

✓ Logical Test Cases

Test Case 1

INPUT (STDIN)

10
aabbbbaaca

EXPECTED OUTPUT

5

Test Case 2

INPUT (STDIN)

20
xxzaffeeeddfkkkk11q

EXPECTED OUTPUT

10

✓ Mandatory Test Cases

Test Case 1

KEYWORD

n=sc.nextInt();

Test Case 2

KEYWORD

char[]
a=sc.next().toCharArray();

Test Case 3

KEYWORD

for (int i=1;i<n;i++)

✓ Complexity Test Cases

Test Case 1

Test Case 2

Test Case 3

CYCLOMATIC COMPLEXITY

4

TOKEN COUNT

160

NLOC

24

**Code
Editor**

✓ You have already solved this challenge ! Though you can run the code with different logic !



Code Editor

JAVA SE 1.8

Light Theme

```
1 import java.util.*;
2 public class Class332241010280 {
3     public static void main(String[] args) {
4         Scanner sc = new Scanner(System.in);
5         int n;
6         n=sc.nextInt();
7         char[] a=sc.next().toCharArray();
8
9         int skittlesCount = 1;
10
11         for (int i=1;i<n;i++) {
12             if (a[i] != a[i - 1]) {
13                 skittlesCount++;
14             }
15         }
16         System.out.println(skittlesCount);
17     }
18 }
```

Custom Input (stdin)

T1

T2

Type Here



Output

MATCH T1

MATCH T2



Empty

Complexity Analysis

Test Case Status