

Problem 3330: Find the Original Typed String I

Problem Information

Difficulty: [Easy](#)

Acceptance Rate: 72.07%

Paid Only: No

Tags: String

Problem Description

Alice is attempting to type a specific string on her computer. However, she tends to be clumsy and **may** press a key for too long, resulting in a character being typed **multiple** times.

Although Alice tried to focus on her typing, she is aware that she may still have done this **at most** _once_.

You are given a string `word`, which represents the **final** output displayed on Alice's screen.

Return the total number of _possible_ original strings that Alice _might_ have intended to type.

Example 1:

Input: word = "abbcccc"

Output: 5

Explanation:

The possible strings are: ``abbcccc'', ``abbccc'', ``abbcc'', ``abbc'', and ``abcccc''.

Example 2:

Input: word = "abcd"

****Output:**** 1

****Explanation:****

The only possible string is `"abcd`.

****Example 3:****

****Input:**** word = "aaaa"

****Output:**** 4

****Constraints:****

* `1 <= word.length <= 100` * `word` consists only of lowercase English letters.

Code Snippets

C++:

```
class Solution {
public:
    int possibleStringCount(string word) {
        }
};
```

Java:

```
class Solution {
    public int possibleStringCount(String word) {
        }
}
```

Python3:

```
class Solution:
    def possibleStringCount(self, word: str) -> int:
```

