5754. Substrings of Size Three with Distinct Characters

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A string is **good** if there are no repeated characters.

Given a string `s`, return *the number of **good substrings** of length **three** in* `s`.

Note that if there are multiple occurrences of the same substring, every occurrence should be counted.

A **substring** is a contiguous sequence of characters in a string.

User Accepted:	418
User Tried:	509
Total Accepted:	418
Total Submissions:	529
Difficulty:	Easy

Example 1:

```
Input: s = "xyzzaz"
Output: 1
Explanation: There are 4 substrings of size 3: "xyz", "yzz", "zza", and "zaz".
The only good substring of length 3 is "xyz".
```

Example 2:

```
Input: s = "aababcabc"
Output: 4
Explanation: There are 7 substrings of size 3: "aab", "aba", "bab", "abc", "bca", "cab", and "abc".
The good substrings are "abc", "bca", "cab", and "abc".
```

Constraints:

- `1 <= s.length <= 100`
- `s` consists of lowercase English letters.

JavaScript ▼

```javascript
 1 ▾ const countGoodSubstrings = (s) => {
 2       let res = 0;
 3       let n = s.length;
 4 ▾     for (let i = 0; i < n; i++) {
 5 ▾         for (let j = i; j < n; j++) {
 6               let len = j - i + 1;
 7 ▾             if (len == 3) {
 8                   let sub = s.slice(i, j + 1);
 9                   let a = sub.split("");
10                   let u = new Set(a);
11                   // pr(u);
12                   if (u.size == 3) res++;
13               }
14           }
15       }
16       return res;
17 };
```

☐ **Custom Testcase** (Use Example Testcases)

⏵ Run   ☁ Submit

Submission Result: Accepted (/submissions/detail/499889652/) ❓   (More Details ❯ (/submissions/detail/499889652/))

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