

## 5458. Number of Good Ways to Split a String

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You are given a string  $s$ , a split is called *good* if you can split  $s$  into 2 non-empty strings  $p$  and  $q$  where its concatenation is equal to  $s$  and the number of distinct letters in  $p$  and  $q$  are the same.

Return the number of *good* splits you can make in  $s$ .

### Example 1:

**Input:**  $s = \text{"aacaba"}$

**Output:** 2

**Explanation:** There are 5 ways to split "aacaba" and 2 of them are good.  
("a", "acaba") Left string and right string contains 1 a and 4 distinct letters.  
("aa", "caba") Left string and right string contains 1 a and 3 distinct letters.  
("aac", "aba") Left string and right string contains 2 a and 2 distinct letters.  
("aaca", "ba") Left string and right string contains 2 a and 2 distinct letters.  
("aacab", "a") Left string and right string contains 3 a and 1 distinct letter.

User Accepted: 0

User Tried: 0

Total Accepted: 0

Total Submissions: 0

Difficulty: Medium

### Example 2:

**Input:**  $s = \text{"abcd"}$

**Output:** 1

**Explanation:** Split the string as follows ("ab", "cd").

### Example 3:

**Input:**  $s = \text{"aaaaa"}$

**Output:** 4

**Explanation:** All possible splits are good.

### Example 4:

**Input:**  $s = \text{"acbadbaada"}$

**Output:** 2

### Constraints:

- $s$  contains only lowercase English letters.
- $1 \leq s.length \leq 10^5$

Java ▼



```
1 ▼ class Solution {  
2 ▼     public int numSplits(String s) {  
3  
4     }  
5 }
```

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