3713. Longest Balanced Substring I

Solved

Medium Topics Hint

You are given a string `s` consisting of lowercase English letters.

A **substring** of `s` is called **balanced** if all **distinct** characters in the **substring** appear the **same** number of times.

Return the **length** of the **longest balanced substring** of `s`.

Example 1:

> **Input:** s = "abbac"
>
> **Output:** 4
>
> **Explanation:**
>
> The longest balanced substring is `"abba"` because both distinct characters `'a'` and `'b'` each appear exactly 2 times.

Example 2:

> **Input:** s = "zzabccy"
>
> **Output:** 4
>
> **Explanation:**
>
> The longest balanced substring is `"zabc"` because the distinct characters `'z'`, `'a'`, `'b'`, and `'c'` each appear exactly 1 time.

Example 3:

> **Input:** s = "aba"
>
> **Output:** 2
>
> **Explanation:**
>
> One of the longest balanced substrings is `"ab"` because both distinct characters `'a'` and `'b'` each appear exactly 1 time. Another longest balanced substring is `"ba"`.

Constraints:

- `1 <= s.length <= 1000`
- `s` consists of lowercase English letters.

Seen this question in a real interview before? 1/5

Yes No

Accepted 129,038/185.1K | Acceptance Rate 69.7%

Topics

Hint 1

Discussion (118)