Problem 2414: Length of the Longest Alphabetical Continuous Substring

Problem Information

Difficulty: Medium
Acceptance Rate: 60.03%
Paid Only: No
Tags: String

Problem Description

An **alphabetical continuous string** is a string consisting of consecutive letters in the alphabet. In other words, it is any substring of the string `"abcdefghijklmnopqrstuvwxyz"`.

* For example, `"abc"` is an alphabetical continuous string, while `"acb"` and `"za"` are not.

Given a string `s` consisting of lowercase letters only, return the _length of the**longest** alphabetical continuous substring._

Example 1:

Input: s = "abacaba" **Output:** 2 **Explanation:** There are 4 distinct continuous substrings: "a", "b", "c" and "ab". "ab" is the longest continuous substring.

Example 2:

Input: s = "abcde" **Output:** 5 **Explanation:** "abcde" is the longest continuous substring.

Constraints:

* `1 <= s.length <= 105` * `s` consists of only English lowercase letters.

Code Snippets

C++:

```
class Solution {
public:
int longestContinuousSubstring(string s) {

}
};
```

Java:

```
class Solution {
public int longestContinuousSubstring(String s) {

}
}
```

Python3:

```
class Solution:
def longestContinuousSubstring(self, s: str) -> int:
```