

6181. Length of the Longest Alphabetical Continuous Substring

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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.

JavaScript

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```
1 const ord = (c) => c.charCodeAt();
2 const char = (ascii) => String.fromCharCode(ascii);
3
4 const cutMaxConsecutive = (s) => {
5   let d = [], l = 0, n = s.length;
6   for (let i = 0; i + 1 < n; i++) {
7     let next = char(ord(s[i]) + 1)
8     if (s[i + 1] !== next || s[i] === 'z') {
9       d.push(s.slice(l, i + 1));
10      l = i + 1;
11    }
12  }
13  d.push(s.slice(l));
14  return d;
15 };
16
17 const longestContinuousSubstring = (s) => {
18   let d = cutMaxConsecutive(s), res = 0;
19   for (const e of d) res = Math.max(res, e.length)
20   return res;
21 };
```

☐ Custom Testcase

Use Example Testcases

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