

# Problem 3090: Maximum Length Substring With Two Occurrences

## Problem Information

**Difficulty:** Easy

**Acceptance Rate:** 64.70%

**Paid Only:** No

**Tags:** Hash Table, String, Sliding Window

## Problem Description

Given a string `s`, return the \*\*maximum\*\* length of a substring such that it contains \_at most two occurrences\_ of each character.

**Example 1:**

**Input:** s = "bcbbbcba"

**Output:** 4

**Explanation:**

The following substring has a length of 4 and contains at most two occurrences of each character: ` "bcbb \_bcba\_ "` .

**Example 2:**

**Input:** s = "aaaa"

**Output:** 2

**Explanation:**

The following substring has a length of 2 and contains at most two occurrences of each character: ` "\_aa\_ aa" ` .

**\*\*Constraints:\*\***

\* `2 <= s.length <= 100` \* `s` consists only of lowercase English letters.

## Code Snippets

### C++:

```
class Solution {
public:
    int maximumLengthSubstring(string s) {
        }
};
```

### Java:

```
class Solution {
    public int maximumLengthSubstring(String s) {
        }
}
```

### Python3:

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