

# 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:
```