

# 340. Longest Substring with At Most K Distinct Characters Premium

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Given a string `s` and an integer `k`, return *the length of the longest **substring** of `s` that contains at most `k` **distinct** characters.*

## Example 1:

**Input:** `s = "eceba", k = 2`  
**Output:** `3`  
**Explanation:** The substring is "ece" with length 3.

## Example 2:

**Input:** `s = "aa", k = 1`  
**Output:** `2`  
**Explanation:** The substring is "aa" with length 2.

## Constraints:

- `1 <= s.length <= 5 * 104`
- `0 <= k <= 50`

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

Yes No

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