

340. Longest Substring with At Most K Distinct Characters

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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`

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