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 <=  $5 * 10^4$ • 0 <= k <= 50 Accepted 239,458 Submissions 512,433 Seen this question in a real interview before? Yes No Companies 🛅 i 0 ~ 6 months 6 months ~ 1 year 1 year ~ 2 years Microsoft | 11 | Amazon | 7 | Snapchat | 4 | Facebook | 3 | Uber | 2 | Google | 2 | tiktok | 2 Related Topics String Sliding Window Hash Table Similar Questions Longest Substring Without Repeating Characters Medium Longest Substring with At Most Two Distinct Characters Medium Longest Repeating Character Replacement Medium Subarrays with K Different Integers Hard Medium Max Consecutive Ones III Maximize the Confusion of an Exam Medium