2.7 Hint 💮 763. Partition Labels Medium ☆ 10.1K ♀ 373 ☆ ♂ € Companies You are given a string s. We want to partition the string into as many parts as possible so that each letter appears in at most one part. Note that the partition is done so that after concatenating all the parts in order, the resultant string should Return a list of integers representing the size of these parts. 1A1 -65 -97 Example 1: 98 Input: s = "ababcbacadefegdehijhklij" 99 Output: [9,7,8] Explanation: Explanation:
The partition is "ababcbaca", "defegde", "hijhklij". 101 This is a partition so that each letter appears in at most one part. A partition like "ababcbacadefegde", "hijhklij" is incorrect, because it 102 splits s into less parts. (03 Example 2: 2104 Input: s = "eccbbbbdec" Output: [10] Example 1: public class PartitionLabels { Input: s = // O(n) O(n) public List<Integer> partitionLabels(String s) { int n = s.length(); int end =  $\theta$ ; int [] lastIndex = new int [26]; List<Integer> ans = new ArrayList<>(); fullfil for (int i = 0; i < n; i++){ lastIndex lastIndex [s.charAt(i) - 'a'] = int prev = 0; for (int j = 0; j < n; j++){ end = Math.max(end, lastIndex[s.charAt(j) - 'a']); ans. add (end +1 ~ prev)  $\frac{g}{2} = \frac{7}{24-16}$ prev = j+1; if (end == j) { \sqrt{} ans.add(end + 1- prev); prev = j + 1; return ans; (12 lefters) for (i++) last Inden for (j++) end = Nath. Max (end, last [ 13-12]; 'apabcbacan fegdehijhklij" end =  $\phi$ , 8,  $\beta$ Output: [9,7,4]. Prev =  $\phi$ ; 5 14, 15, 11, 13, 19, 22, 23, 20, 21 ans.add(end+1-prev); 5,7, create last Index array for chans.

ans.add (end+1 - prw);

zeture ans.