Dash

Difficulty: Hard

Accuracy: 46.79%

Submissions: 76K+

Points: 8

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Given a string s, the task is to find the minimum characters to be added at the front to make the string palindrome.

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Note: A palindrome string is a sequence of characters that reads the same forward and backward.

Examples:

Input: s = "abc"

Output: 2

Explanation: Add 'b' and 'c' at front of above string to make it palindrome :

"cbabc"

Input: s = "aacecaaaa"

Output: 2

Explanation: Add 2 a's at front of above string to make it palindrome:

"aaaacecaaaa"

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Constraints:

TO B D D O Start Timer () Average Time: 25m 11 class Solution { public static int minChar(String s) { int n = s.length(); String combined = s + "#" + new StringBuilder(s).reverse().toString(); int[] lps = computeLPSArray(combined); return n - lps[combined.length() - 1]; private static int[] computeLPSArray(String str) { int n = str.length(); int[] lps = new int[n]; int len = 0; int i = 1; while (i < n) { if (str.charAt(i) == str.charAt(len)) { len++: lps[i] = len; i++: } else + if (len != 0) { len = lps[len - 1];} else { lps[i] = 0; i++; return lps; Ď. Compile & Run **Custom Input** Submit