**1312. Minimum Insertion Steps to Make a String Palindrome**

Hard

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Given a string s. In one step you can insert any character at any index of the string.

Return *the minimum number of steps* to make s palindrome.

A **Palindrome String** is one that reads the same backward as well as forward.

**Example 1:**

**Input:** s = "zzazz"

**Output:** 0

**Explanation:** The string "zzazz" is already palindrome we don't need any insertions.

**Example 2:**

**Input:** s = "mbadm"

**Output:** 2

**Explanation:** String can be "mbdadbm" or "mdbabdm".

**Example 3:**

**Input:** s = "leetcode"

**Output:** 5

**Explanation:** Inserting 5 characters the string becomes "leetcodocteel".

**Example 4:**

**Input:** s = "g"

**Output:** 0

**Example 5:**

**Input:** s = "no"

**Output:** 1

**Constraints:**

* 1 <= s.length <= 500
* All characters of s are lower case English letters.

Accepted

20,694

Submissions

34,690