5537. Split Two Strings to Make Palindrome

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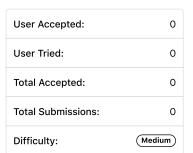
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You are given two strings a and b of the same length. Choose an index and split both strings a the same index, splitting a into two strings: a_{prefix} and a_{suffix} where $a = a_{prefix} + a_{suffix}$, and splitting b into two strings: b_{prefix} and b_{suffix} where $b = b_{prefix} + b_{suffix}$. Check if $a_{prefix} + b_{suffix}$ or $b_{prefix} + a_{suffix}$ forms a palindrome.

When you split a string s into s_{prefix} and s_{suffix} , either s_{suffix} or s_{prefix} is allowed to be empty. For example, if s = "abc", then "" + "abc", "a" + "bc", "ab" + "c", and "abc" + "" are valid splits.

Return true if it is possible to form a palindrome string, otherwise return false.

Notice that x + y denotes the concatenation of strings x and y.



Example 1:

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Input: a = "x", b = "y"
Output: true
Explaination: If either a or b are palindromes the answer is true since you can split in the following way:
aprefix = "", asuffix = "x"
bprefix = "", bsuffix = "y"
Then, aprefix + bsuffix = "" + "y" = "y", which is a palindrome.
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Example 2:

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Input: a = "abdef", b = "fecab"
Output: false
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Example 3:

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Input: a = "ulacfd", b = "jizalu"
Output: true
Explaination: Split them at index 3:
aprefix = "ula", asuffix = "cfd"
bprefix = "jiz", bsuffix = "alu"
Then, aprefix + bsuffix = "ula" + "alu" = "ulaalu", which is a palindrome.
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Constraints:

- 1 \leftarrow a.length, b.length \leftarrow 10⁵
- a.length == b.length
- a and b consist of lowercase English letters