

# 1400. Construct K Palindrome Strings

Solved ●

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Given a string `s` and an integer `k`, return `true` if you can use all the characters in `s` to construct `k` palindrome strings or `false` otherwise.

## Example 1:

**Input:** `s = "annabelle"`, `k = 2`**Output:** `true`**Explanation:** You can construct two palindromes using all characters in `s`.  
Some possible constructions `"anna" + "elble"`, `"anbna" + "elle"`, `"anellena" + "b"`

## Example 2:

**Input:** `s = "leetcode"`, `k = 3`**Output:** `false`**Explanation:** It is impossible to construct 3 palindromes using all the characters of `s`.

## Example 3:

**Input:** `s = "true"`, `k = 4`**Output:** `true`**Explanation:** The only possible solution is to put each character in a separate string.

## Constraints:

- $1 \leq s.length \leq 10^5$
- `s` consists of lowercase English letters.
- $1 \leq k \leq 10^5$

Seen this question in a real interview before? 1/5

Yes No

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