Write an efficient function that checks whether any permutation↴ of an input string is a palindrome.↴

You can assume the input string only contains lowercase letters.

Examples:

- "civic" should return **True**
- "ivicc" should return **True**
- "civil" should return **False**
- "livci" should return **False**

> **"But 'ivicc' isn't a palindrome!"**
>
> If you had this thought, read the question again carefully. We're asking if any *permutation* of the string is a palindrome. Spend some extra time ensuring you fully understand the question before starting. Jumping in with a flawed understanding of the problem doesn't look good in an interview.

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