

Problem 266: Palindrome Permutation

Problem Information

Difficulty: Easy

Acceptance Rate: 68.57%

Paid Only: Yes

Tags: Hash Table, String, Bit Manipulation

Problem Description

Given a string `s`, return `true` if a permutation of the string could form a **palindrome** and `false` otherwise.

Example 1:

Input: s = "code" **Output:** false

Example 2:

Input: s = "aab" **Output:** true

Example 3:

Input: s = "carerac" **Output:** true

Constraints:

* `1 <= s.length <= 5000` * `s` consists of only lowercase English letters.

Code Snippets

C++:

```
class Solution {  
public:
```

```
bool canPermutePalindrome(string s) {  
}  
};
```

Java:

```
class Solution {  
public boolean canPermutePalindrome(String s) {  
}  
}
```

Python3:

```
class Solution:  
def canPermutePalindrome(self, s: str) -> bool:
```