Problem 383: Ransom Note

Problem Information

Difficulty: Easy
Acceptance Rate: 65.24%
Paid Only: No
Tags: Hash Table, String, Counting

Problem Description

Given two strings `ransomNote` and `magazine`, return `true` _if_ `ransomNote` _can be constructed by using the letters from_ `magazine` _and_ `false` _otherwise_.

Each letter in `magazine` can only be used once in `ransomNote`.

Example 1:

Input: ransomNote = "a", magazine = "b" **Output:** false

Example 2:

Input: ransomNote = "aa", magazine = "ab" **Output:** false

Example 3:

Input: ransomNote = "aa", magazine = "aab" **Output:** true

Constraints:

* `1 <= ransomNote.length, magazine.length <= 105` * `ransomNote` and `magazine` consist of lowercase English letters.

Code Snippets

C++:

```cpp
class Solution {
public:
bool canConstruct(string ransomNote, string magazine) {


}
};
```

Java:

```java
class Solution {
public boolean canConstruct(String ransomNote, String magazine) {


}
}
```

Python3:

```python
class Solution:
def canConstruct(self, ransomNote: str, magazine: str) -> bool:
```