

### 383. Ransom Note

Easy
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Given two strings `ransomNote` and `magazine`, return `true` if `ransomNote` can be constructed 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.

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Yes
No

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1 class Solution:
2     def canConstruct(self, ransomNote: str, magazine: str) -> bool:
3
4     # form dictionary of magazine values as keys and count as values
5     # compare all ransomNote values present in keys and values same
6
7     di = {}
8     di2 = {}
9
10    for i in magazine :
11        if i not in di :
12            di.update({i : 1})
13        else :
14            di.update({i: di[i]+1})
15    print(di)
16
17    for j in ransomNote :
18        if j not in di2 :
19            di2.update({j : 1})
20        else :
21            di2.update({j: di2[j]+1})
22
23    print(di2)
24
25    for k in di2 :
26        if k not in di :
27            return False
28        else :
29            if (di2[k] > di[k]) :
30                return False
31
32    return True

```

Accepted
Runtime: 38 ms

Your input
" a "
" aab "

stdout
{'a': 2, 'b': 1}
{'a': 1}

Output
true
Diff

Expected
true