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Week 1: May 1st–May 7th

Problems appear at midnight, Pacific Time

- ☒ First Bad Version
- ☒ Jewels and Stones
- ☒ Ransom Note
- ☒ Number Complement
- ☒ First Unique Character in a String
- ☒ Majority Element
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Week 2: May 8th–May 14th

Problems appear at midnight, Pacific Time

Week 3: May 15th–May 21st

The first problem for this section appears at midnight, Pacific Time

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## Ransom Note

Solution

Given an arbitrary ransom note string and another string containing letters from all the magazines, write a function that will return true if the ransom note can be constructed from the magazines ; otherwise, it will return false.

Each letter in the magazine string can only be used once in your ransom note.

### 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:

- You may assume that both strings contain only lowercase letters.

Java



```
1 class Solution {
2     public boolean canConstruct(String ransomNote, String magazine) {
3         Map<Character,Integer> map1=new HashMap<>();
4         for(char ch:magazine.toCharArray()){
5             map1.put(ch,map1.getOrDefault(ch,0)+1);
6         }
7         for(char ch:ransomNote.toCharArray()){
8             if(map1.get(ch)==null || map1.get(ch)==0)
9                 return false;
10            map1.put(ch,map1.get(ch)-1);
11        }
12        return true;
13    }
14 }
```

Custom Testcase (Contribute)



Run Code

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