# 383. Ransom Note

Solved ⊘

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
```

```swift
class Solution {
    func canConstruct(_ ransomNote: String, _ magazine: String) ->
Bool {
        if(ransomNote.count > magazine.count) {
            return false
        }

        var hash:[Character:Int] = [:]

        for i in Array(magazine) {
            hash[i,default:0]+=1
        }

        for j in Array(ransomNote) {
```

```swift
            if let v = hash[j] {
                if v == 1 {
                    hash.removeValue(forKey: j)
                } else {
                    hash[j] = v - 1
                }
            } else {
                return false
            }
        }

        return true
    }
}
```