

Problem 771: Jewels and Stones

Problem Information

Difficulty: Easy

Acceptance Rate: 89.40%

Paid Only: No

Tags: Hash Table, String

Problem Description

You're given strings `jewels`` representing the types of stones that are jewels, and `stones`` representing the stones you have. Each character in `stones`` is a type of stone you have. You want to know how many of the stones you have are also jewels.

Letters are case sensitive, so `"a"` is considered a different type of stone from `"A"`.

Example 1:

Input: `jewels = "aA", stones = "aAAbbbb"` **Output:** 3

Example 2:

Input: `jewels = "z", stones = "ZZ"` **Output:** 0

Constraints:

* `1 <= jewels.length, stones.length <= 50`` * `jewels`` and `stones`` consist of only English letters. * All the characters of `jewels`` are **unique**.

Code Snippets

C++:

```
class Solution {
public:
```

```
int numJewelsInStones(string jewels, string stones) {  
  
}  
};
```

Java:

```
class Solution {  
    public int numJewelsInStones(String jewels, String stones) {  
  
    }  
}
```

Python3:

```
class Solution:  
    def numJewelsInStones(self, jewels: str, stones: str) -> int:
```