

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 = "aAAAbbbb" **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:
```