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Week 1: May 1st–May 7th

Problems appear at midnight, Pacific Time

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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 is locked

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Jewels and Stones

Solution

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

The letters in `J` are guaranteed distinct, and all characters in `J` and `S` are letters. Letters are case sensitive, so `"a"` is considered a different type of stone from `"A"`.

Example 1:

Input: `J = "aA", S = "aAAbbbb"`
Output: 3

Example 2:

Input: `J = "z", S = "ZZ"`
Output: 0

Note:

- `S` and `J` will consist of letters and have length at most 50.
- The characters in `J` are distinct.

Hide Hint #1

For each stone, check if it is a jewel.

Java

```
1 class Solution {
2     public int numJewelsInStones(String J, String S) {
3         int stones=0;
4         if(J.length()==0) return 0;
5         for(int i=0;i<S.length();i++){
6             if(J.indexOf(S.charAt(i))!=-1) stones++;
7         }
8         return stones;
9     }
10 }
```

Custom Testcase (Contribute)

Run Code

Submit