

Jewels and Stones

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.

Solution:

```
class Solution {  
    public int numJewelsInStones(String J, String S) {  
        char[] jewels = J.toCharArray();  
        char[] stones = S.toCharArray();  
        int count = 0;  
        for (char s : stones) {  
            for (char j : jewels) {  
                if (s == j) {  
                    count++;  
                }  
            }  
        }  
        return count;  
    }  
}
```

$$\}$$

Submit