# 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.