**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.