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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".

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class Solution {

public int numJewelsInStones(String J, String S) {

HashMap<Character,Integer> map=new HashMap<>();

int cnt=0;

for(int i=1;i<=S.length();i++){

// map.put(S.charAt(i),map.getOrDefault(S.charAt(i),0)+1);

if(J.contains(S.substring(i-1,i)))

cnt++;

}

return cnt;

}

}