

## 5609. Count the Number of Consistent Strings

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You are given a string `allowed` consisting of **distinct** characters and an array of strings `words` . A string is **consistent** if all characters in the string appear in the string `allowed` .

Return the number of **consistent** strings in the array `words` .

### Example 1:

**Input:** `allowed = "ab", words = ["ad","bd","aaab","baa","badab"]`  
**Output:** 2  
**Explanation:** Strings "aaab" and "baa" are consistent since they only contain characters 'a' and

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Easy

### Example 2:

**Input:** `allowed = "abc", words = ["a","b","c","ab","ac","bc","abc"]`  
**Output:** 7  
**Explanation:** All strings are consistent.

### Example 3:

**Input:** `allowed = "cad", words = ["cc","acd","b","ba","bac","bad","ac","d"]`  
**Output:** 4  
**Explanation:** Strings "cc", "acd", "ac", and "d" are consistent.

### Constraints:

- $1 \leq \text{words.length} \leq 10^4$
- $1 \leq \text{allowed.length} \leq 26$
- $1 \leq \text{words}[i].\text{length} \leq 10$
- The characters in `allowed` are **distinct**.
- `words[i]` and `allowed` contain only lowercase English letters.

JavaScript



```
1 /**
2  * @param {string} allowed
3  * @param {string[]} words
4  * @return {number}
5  */
6 const countConsistentStrings = (allowed, words) => {
7   let cnt = 0;
8   for (const w of words) {
9     if (ok(allowed, w)) cnt++;
10  }
11  return cnt;
12 };
13
14 const ok = (allow, s) => {
15   for (const c of s) {
16     if (allow.indexOf(c) == -1) {
17       return false;
18     }
19   }
20   return true;
21 };
```

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