

# 1684. Count the Number of Consistent Strings

Solved ●

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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 'b'.

## 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.

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Yes No

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Hint 1

Hint 2

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