

1160. Find Words That Can Be Formed by Characters

Description

You are given an array of strings `words` and a string `chars`.

A string is **good** if it can be formed by characters from `chars` (each character can only be used once).

Return *the sum of lengths of all good strings in words*.

Example 1:

Input: `words = ["cat","bt","hat","tree"], chars = "atach"`

Output: 6

Explanation: The strings that can be formed are "cat" and "hat" so the answer is $3 + 3 = 6$.

Example 2:

Input: `words = ["hello","world","leetcode"], chars = "welldonehoneyr"`

Output: 10

Explanation: The strings that can be formed are "hello" and "world" so the answer is $5 + 5 = 10$.

Constraints:

- $1 \leq \text{words.length} \leq 1000$
- $1 \leq \text{words}[i].\text{length}, \text{chars.length} \leq 100$
- `words[i]` and `chars` consist of lowercase English letters.

