Verifying an Alien Dictionary

Try to solve the Verifying an Alien Dictionary problem.



Statement

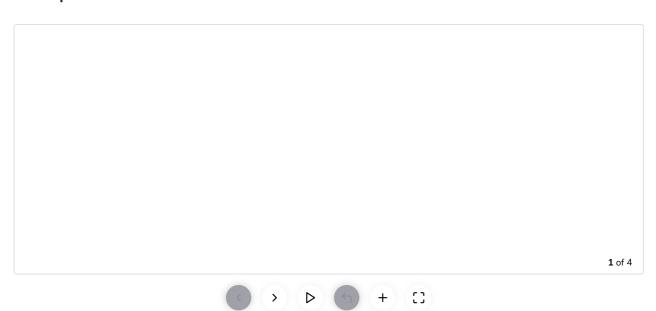
You're given a list of words with lowercase English letters in a different order, written in an alien language. The order of the alphabet is some permutation of lowercase letters of the English language.

We have to return TRUE if the given list of words is sorted lexicographically in this alien language.

Constraints:

- $1 \leq \text{words.length} \leq 100$
- $1 \leq \mathsf{words[i].length} \leq 20$
- order.length ==26
- All the characters in words [i] and order are lowercase English letters.

Examples



Understand the problem

Let's take a moment to make sure you've correctly understood the problem. The quiz below helps you check if you're solving the correct problem:

?

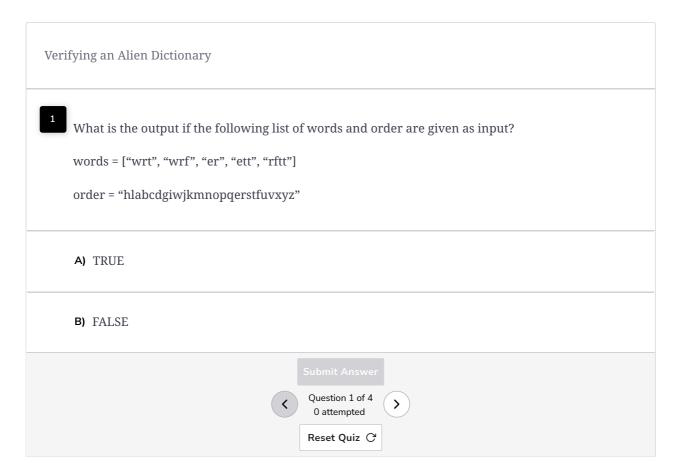
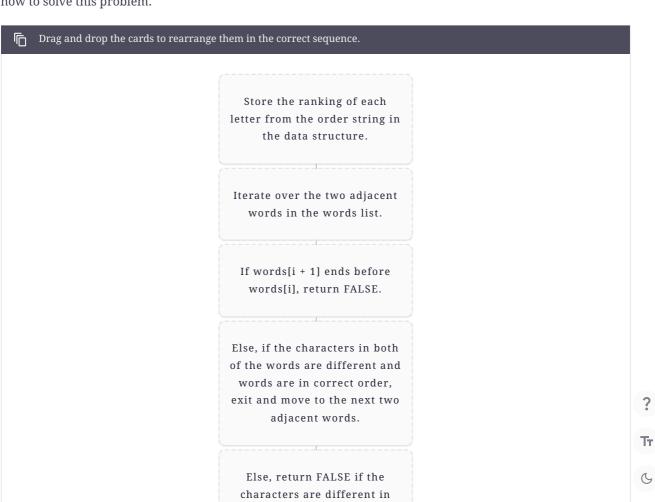
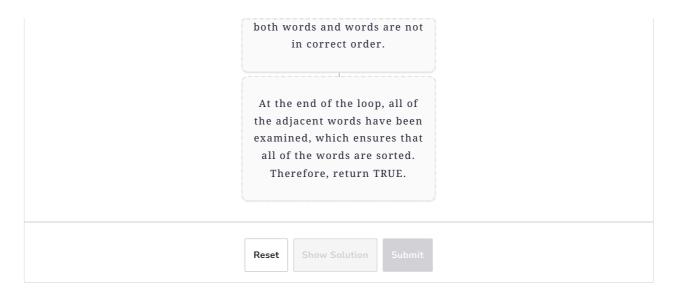


Figure it out!

We have a game for you to play. Rearrange the logical building blocks to develop a clearer understanding of how to solve this problem.





Try it yourself



