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Description

Solution

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269. Alien Dictionary

Hard

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There is a new alien language that uses the English alphabet. However, the order among the letters is unknown to you.

You are given a list of strings `words` from the alien language's dictionary, where the strings in `words` are **sorted lexicographically** by the rules of this new language.

Return *a string of the unique letters in the new alien language sorted in **lexicographically increasing order** by the new language's rules. If there is no solution, return `""`. If there are multiple solutions, return **any of them**.*

A string `s` is **lexicographically smaller** than a string `t` if at the first letter where they differ, the letter in `s` comes before the letter in `t` in the alien language. If the first `min(s.length, t.length)` letters are the same, then `s` is smaller if and only if `s.length < t.length`.

Example 1:

Input: words = ["wrt","wrf","er","ett","rftt"]
Output: "wertf"

Example 2:

Input: words = ["z","x"]
Output: "zx"

Example 3:

Input: words = ["z","x","z"]
Output: ""
Explanation: The order is invalid, so return "".

Constraints:

•

1 <= words.length <= 100

•

1 <= words[i].length <= 100

•

words[i] consists of only lowercase English letters.

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class Solution {

public String alienOrder(String[] words) {

}

}

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 Problems

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Console

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