1858. Longest Word With All Prefixes Premium Companies Q Hint Medium ○ Topics Given an array of strings words, find the longest string in words such that every prefix of it is also in words. For example, let words = ["a", "app", "ap"]. The string "app" has prefixes "ap" and "a", all of which are in words. Return the string described above. If there is more than one string with the same length, return the **lexicographically smallest** one, and if no string exists, return Example 1: Input: words = ["k","ki","kir","kira", "kiran"] Output: "kiran" Explanation: "kiran" has prefixes "kira", "kir", "ki", and "k", and all of them appear in words. Example 2: Input: words = ["a", "banana", "app", "appl", "appl, "apply", "apple"] Output: "apple" Explanation: Both "apple" and "apply" have all their prefixes in words. However, "apple" is lexicographically smaller, so we return that. Example 3: Input: words = ["abc", "bc", "ab", "qwe"] Output: "" Constraints: 1 <= words.length <= 10⁵ 1 <= words[i].length <= 10⁵ • 1 <= sum(words[i].length) <= 10⁵ words [i] consists only of lowercase English letters. Seen this question in a real interview before? 1/5 No Accepted 12.7K Submissions 17.9K Acceptance Rate 71.1% Topics Depth-First Search Trie Companies 0 - 6 months Google 2 Hint 1 Add all the words to a trie. ଠ Hint 2 Check the longest path where all the nodes are words. Longest Word in Dictionary Medium Discussion (7) Copyright © 2024 LeetCode All rights reserved