Problem 3491: Phone Number Prefix

Problem Information

Difficulty: Easy
Acceptance Rate: 71.00%
Paid Only: Yes
Tags: Array, String, Trie, Sorting

Problem Description

You are given a string array `numbers` that represents phone numbers. Return `true` if no phone number is a prefix of any other phone number; otherwise, return `false`.

Example 1:

Input: numbers = ["1","2","4","3"]

Output: true

Explanation:

No number is a prefix of another number, so the output is `true`.

Example 2:

Input: numbers = ["001","007","15","00153"]

Output: false

Explanation:

The string `"001"` is a prefix of the string `"00153"`. Thus, the output is `false`.

Constraints:

* `2 <= numbers.length <= 50` * `1 <= numbers[i].length <= 50` * All numbers contain only digits `'0'` to `'9'`.

Code Snippets

C++:

```cpp
class Solution {
public:
bool phonePrefix(vector<string>& numbers) {


}
};
```

Java:

```java
class Solution {
public boolean phonePrefix(String[] numbers) {


}
}
```

Python3:

```python
class Solution:
def phonePrefix(self, numbers: List[str]) -> bool:
```