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Description Accepted Editorial Solutions Submissions

3491. Phone Number Prefix Premium

Solved ✓

Easy Topics Hint

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'`.

Seen this question in a real interview before? 1/5

Accepted 1,571 / 2.2K | Acceptance Rate 70.7%

Topics Hint 1 Hint 2 Discussion (2)

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10 2 0 Online Expected

Code

Python3 ✓ • Auto

```
1 class Solution:
2     def phonePrefix(self, numbers: List[str]) -> bool:
3         4             for i in range(0, len(numbers)):
4                 for j in range(0, len(numbers)):
5                     if i != j:
6                         length = len(numbers[i])
7                         if numbers[i] == numbers[j][:length]:
8                             return False
9
10        return True
11
12
13
14
```

Ln 11, Col 20

Testcase Test Result

Accepted Runtime: 0 ms

Case 1 Case 2

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

Output
`true`