Problem 1408: String Matching in an Array

Problem Information

Difficulty: Easy
Acceptance Rate: 69.76%
Paid Only: No
Tags: Array, String, String Matching

Problem Description

Given an array of string `words`, return all strings in __`words` __ that are a substring of another word. You can return the answer in **any order**.

Example 1:

Input: words = ["mass","as","hero","superhero"] **Output:** ["as","hero"] **Explanation:** "as" is substring of "mass" and "hero" is substring of "superhero". ["hero","as"] is also a valid answer.

Example 2:

Input: words = ["leetcode","et","code"] **Output:** ["et","code"] **Explanation:** "et", "code" are substring of "leetcode".

Example 3:

Input: words = ["blue","green","bu"] **Output:** [] **Explanation:** No string of words is substring of another string.

Constraints:

* `1 <= words.length <= 100` * `1 <= words[i].length <= 30` * `words[i]` contains only lowercase English letters. * All the strings of `words` are **unique**.

Code Snippets

C++:

```
class Solution {
public:
vector<string> stringMatching(vector<string>& words) {

}
};
```

Java:

```
class Solution {
public List<String> stringMatching(String[] words) {

}
}
```

Python3:

```
class Solution:
def stringMatching(self, words: List[str]) -> List[str]:
```