Problem 1065: Index Pairs of a String

Problem Information

Difficulty: Easy
Acceptance Rate: 68.48%
Paid Only: Yes
Tags: Array, String, Trie, Sorting

Problem Description

Given a string `text` and an array of strings `words`, return _an array of all index pairs_`[i, j]`_so that the substring_`text[i...j]`_is in`words`_.

Return the pairs `[i, j]` in sorted order (i.e., sort them by their first coordinate, and in case of ties sort them by their second coordinate).

Example 1:

Input: text = "thestoryofleetcodeandme", words = ["story","fleet","leetcode"] **Output:** [[3,7],[9,13],[10,17]]

Example 2:

Input: text = "ababa", words = ["aba","ab"] **Output:** [[0,1],[0,2],[2,3],[2,4]]
Explanation: Notice that matches can overlap, see "aba" is found in [0,2] and [2,4].

Constraints:

* `1 <= text.length <= 100` * `1 <= words.length <= 20` * `1 <= words[i].length <= 50` * `text` and `words[i]` consist of lowercase English letters. * All the strings of `words` are **unique**.

Code Snippets

C++:

```
class Solution {
public:
vector<vector<int>> indexPairs(string text, vector<string>& words) {

}
};
```

Java:

```
class Solution {
public int[][] indexPairs(String text, String[] words) {

}
}
```

Python3:

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