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Description

Solution

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Java

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1233. Remove Sub-Folders from the Filesystem

Medium

635

85

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Given a list of folders `folder`, return *the folders after removing all **sub-folders** in those folders*. You may return the answer in **any order**.

If a `folder[i]` is located within another `folder[j]`, it is called a **sub-folder** of it.

The format of a path is one or more concatenated strings of the form: `'/'` followed by one or more lowercase English letters.

- For example, `"/leetcode"` and `"/leetcode/problems"` are valid paths while an empty string and `"/"` are not.

Example 1:

Input: `folder = ["/a", "/a/b", "/c/d", "/c/d/e", "/c/f"]`

Output: `["/a", "/c/d", "/c/f"]`

Explanation: Folders `"/a/b"` is a subfolder of `"/a"` and `"/c/d/e"` is inside of folder `"/c/d"` in our filesystem.

Example 2:

Input: `folder = ["/a", "/a/b/c", "/a/b/d"]`

Output: `["/a"]`

Explanation: Folders `"/a/b/c"` and `"/a/b/d"` will be removed because they are subfolders of `"/a"`.

Example 3:

Input: `folder = ["/a/b/c", "/a/b/ca", "/a/b/d"]`

Output: `["/a/b/c", "/a/b/ca", "/a/b/d"]`

Constraints:

- `1 <= folder.length <= 4 * 104`
- `2 <= folder[i].length <= 100`
- `folder[i]` contains only lowercase letters and `'/'`.
- `folder[i]` always starts with the character `'/'`.
- Each folder name is **unique**.

Accepted 44,650

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Yes

No

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class Solution {

public List<String> removeSubfolders(String[] folder) {

}

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Console

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1/1