1598. Crawler Log Folder   Solved ●

Easy   ♥ Topics   🔟 Companies   ♀ Hint

The Leetcode file system keeps a log each time some user performs a *change folder* operation.
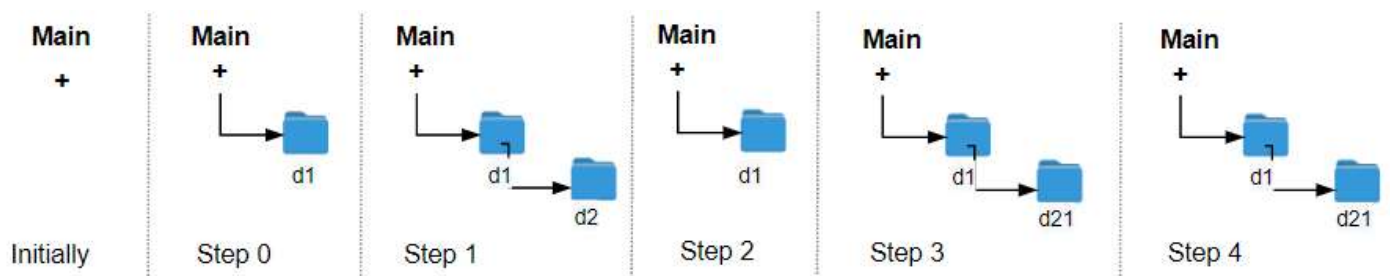
The operations are described below:

- "../" : Move to the parent folder of the current folder. (If you are already in the main folder, **remain in the same folder**).

- "./" : Remain in the same folder.

- "x/" : Move to the child folder named x (This folder is **guaranteed to always exist**).

You are given a list of strings logs where logs[i] is the operation performed by the user at the ith step.

The file system starts in the main folder, then the operations in logs are performed.

Return *the minimum number of operations needed to go back to the main folder after the change folder operations.*

Example 1:
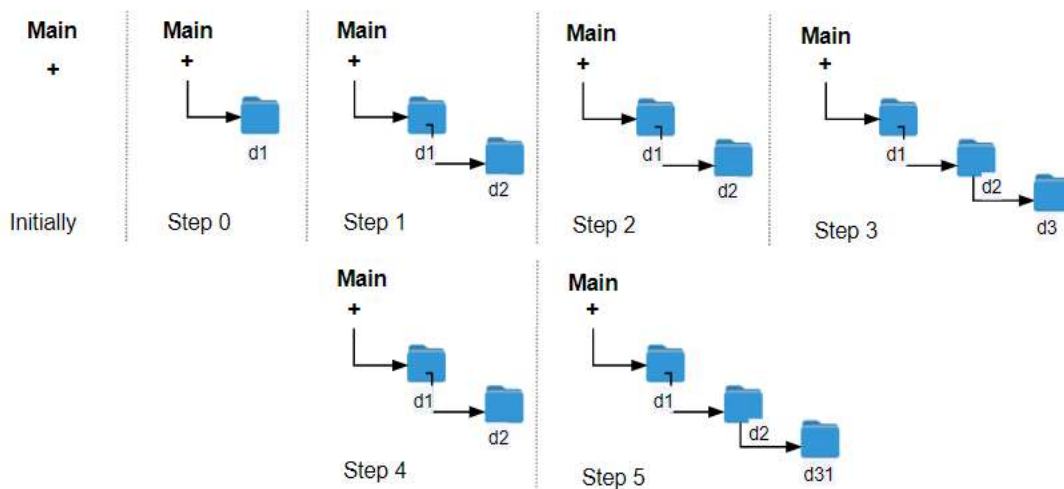

Input: logs = ["d1/","d2/","../","d21/","./"]
Output: 2
Explanation: Use this change folder operation "../" 2 times and go back to the main folder.

Example 2:

Input: logs = ["d1/","d2/","./","d3/","../","d31/"]
Output: 3

Example 3:

Input: logs = ["d1/","../","../","../"]
Output: 0

Constraints:

- $1 <= logs.length <= 10^3$

- $2 <= logs[i].length <= 10$

- logs[i] contains lowercase English letters, digits, '.', and '/'.

- logs[i] follows the format described in the statement.

- Folder names consist of lowercase English letters and digits.

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

Yes   No

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Topics   ⌄

Companies   ⌄

Hint 1   ⌄

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