5523. Crawler Log Folder

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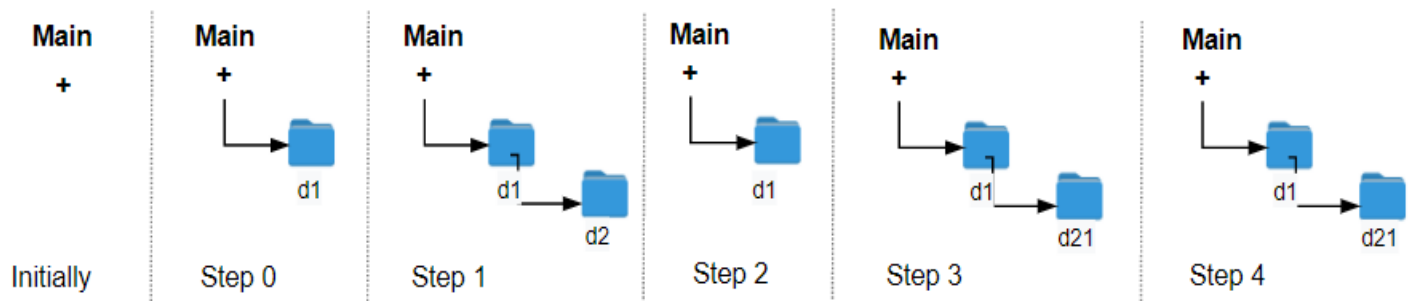- `"x/"` : Move to the child folder named `x` (This folder is **guaranteed to always exist**).

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.*

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Easy

Example 1:
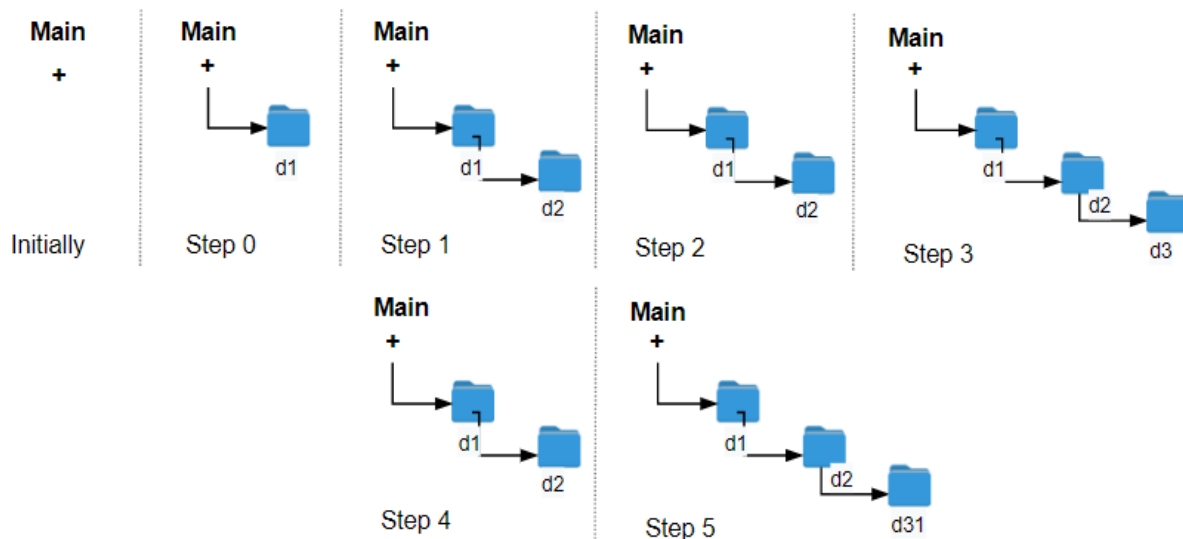

Initially | Step 0 | Step 1 | Step 2 | Step 3 | Step 4

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

Example 2:

Initially — Step 0 — Step 1 — Step 2 — Step 3

Step 4 — Step 5

```
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.

JavaScript ▾   <⁄>   ⟳   ⚙

```
 1 ▾ /**
 2    * @param {string[]} logs
 3    * @return {number}
 4    */
 5 ▾ const minOperations = (logs) => {
 6       let cnt = 0;
 7 ▾    for (const l of logs) {
 8 ▾        if (l[0] == '.' && l[1] == '.') {
 9               if (cnt == 0) continue;
10               cnt--;
11 ▾        } else if (l[0] == '.' && l[1] == '/'){
12               continue;
13 ▾        } else {
14               cnt++;
15           }
```

```
16        }
17        return cnt;
18    };
```

☐ **Custom Testcase**   ⬭ Use Example Testcases

▶ Run   ☁ Submit

Submission Result: Accepted (/submissions/detail/401194137/) ❓

⬭ More Details ❯ (/submissions/detail/401194137/)

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