

## 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**).

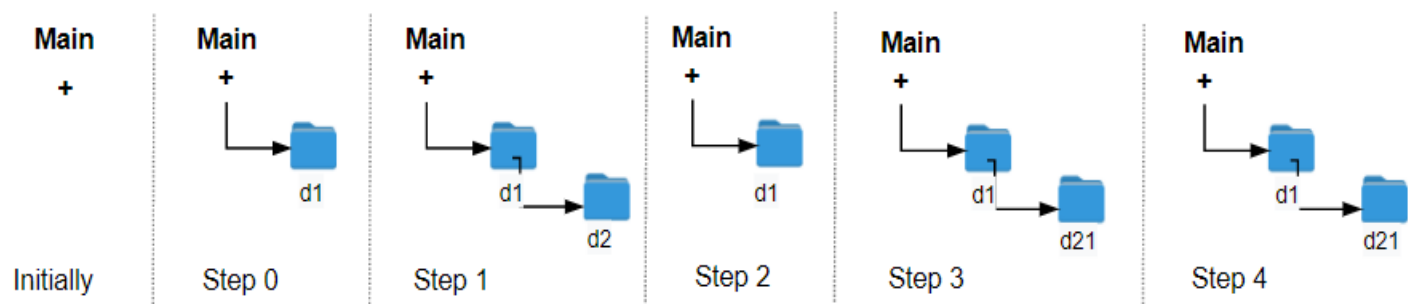
You are given a list of strings `logs` where `logs[i]` is the operation performed by the user at the  $i^{\text{th}}$  step.

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:

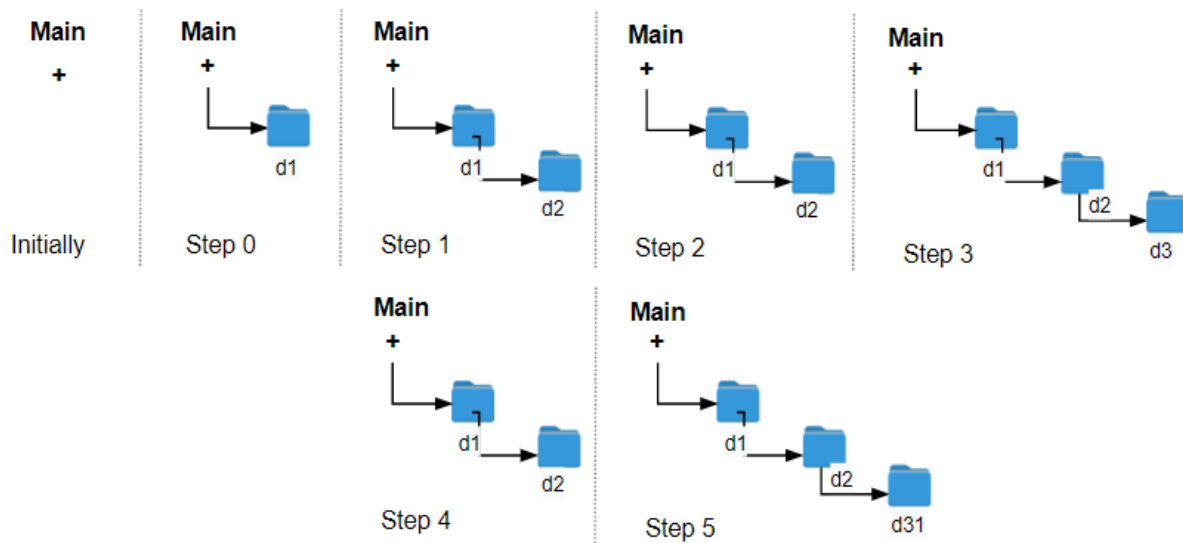


**Input:** `logs = ["d1/","d2/","../","d21/","../"]`

**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:

- $1 \leq \text{logs.length} \leq 10^3$
- $2 \leq \text{logs}[i].\text{length} \leq 10$
- $\text{logs}[i]$  contains lowercase English letters, digits, '.', and '/'.
- $\text{logs}[i]$  follows the format described in the statement.
- Folder names consist of lowercase English letters and digits.

TypeScript



```
1 function minOperations(logs: string[]): number {
2
3 };
```