

959. Regions Cut By Slashes

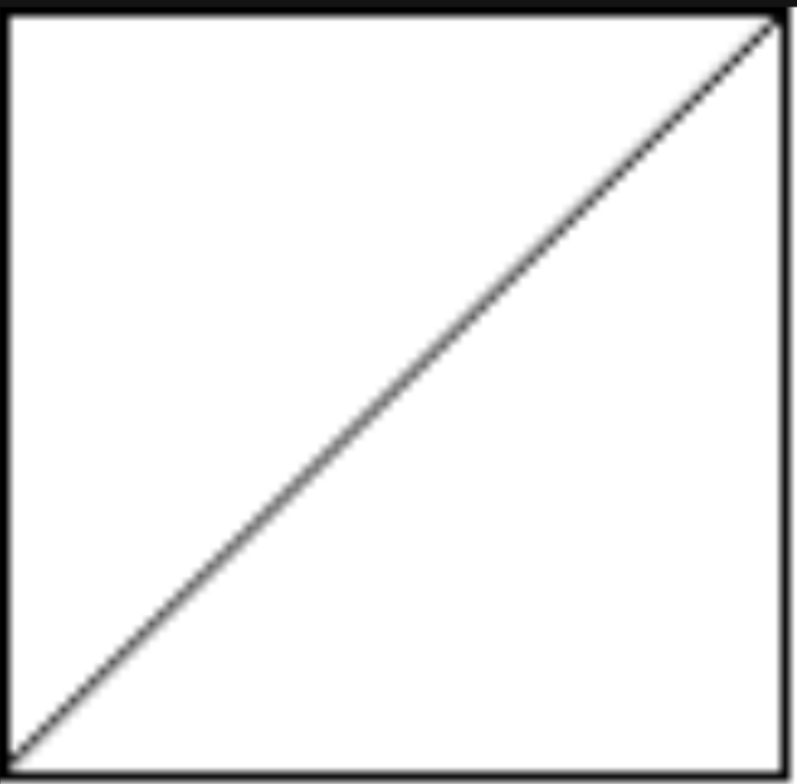
Description

An `n x n` grid is composed of `1 x 1` squares where each `1 x 1` square consists of a `'/'`, `'\'`, or blank space `' '`. These characters divide the square into contiguous regions.

Given the grid `grid` represented as a string array, return *the number of regions*.

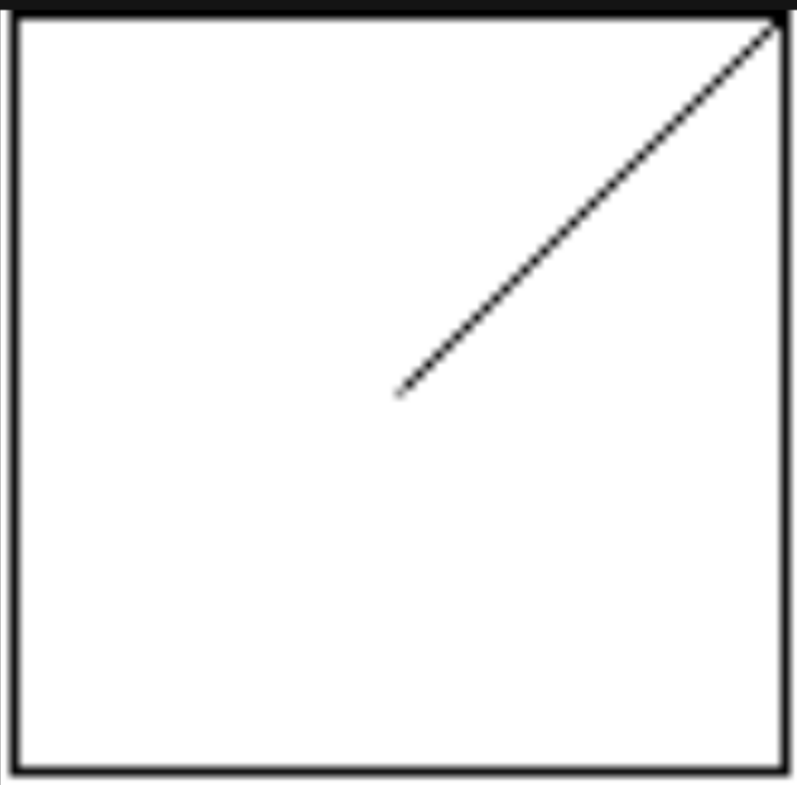
Note that backslash characters are escaped, so a `'\'` is represented as `'\\'`.

Example 1:



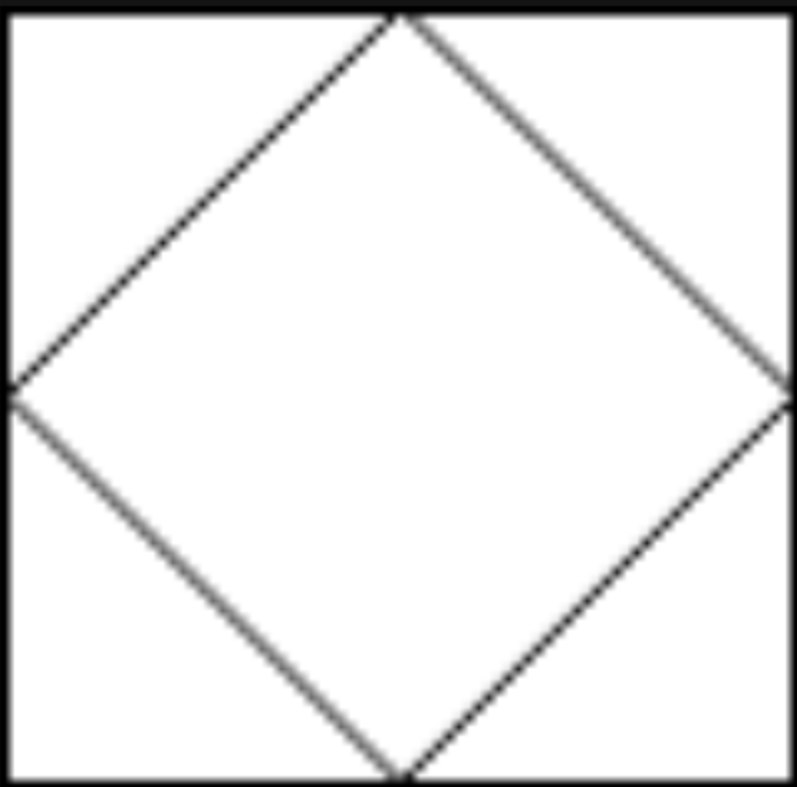
Input: `grid = ["/","/ "]`
Output: 2

Example 2:



Input: `grid = ["/"," "]`
Output: 1

Example 3:



Input: `grid = ["/\\","\\/"]`
Output: 5
Explanation: Recall that because `\` characters are escaped, `"\\/"` refers to `\/,` and `"/\\"` refers to `/\.`

Constraints:

- `n == grid.length == grid[i].length`
- `1 <= n <= 30`
- `grid[i][j]` is either `'/'`, `'\'`, or `' '`.

