

Make a Square with the Same Color - LeetCode

笔记本: leetcode
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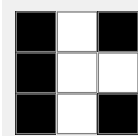
3127. Make a Square with the Same Color

You are given a 2D matrix `grid` of size `3 x 3` consisting only of characters `'B'` and `'W'`. Character `'W'` represents the white color, and character `'B'` black color.

Your task is to change the color of **at most one** cell so that the matrix has a `2 x 2` square where all cells are of the same color.

Return `true` if it is possible to create a `2 x 2` square of the same color, otherwise, return `false`.

Example 1:



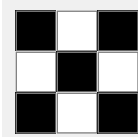
Input: `grid = [['B','W','B'],['B','W','W'],['B','W','B']]`

Output: `true`

Explanation:

It can be done by changing the color of the `grid[0][2]`.

Example 2:



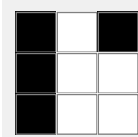
Input: `grid = [['B','W','B'],['W','B','W'],['B','W','B']]`

Output: `false`

Explanation:

It cannot be done by changing at most one cell.

Example 3:



Input: `grid = [['B','W','B'],['B','W','W'],['B','W','W']]`

Output: `true`

Explanation:

The `grid` already contains a `2 x 2` square of the same color.

Constraints:

- `grid.length == 3`
- `grid[i].length == 3`
- `grid[i][j]` is either 'W' or 'B'.