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```java
class Solution {
    public void solve(char[][] board) {

    }
}
```
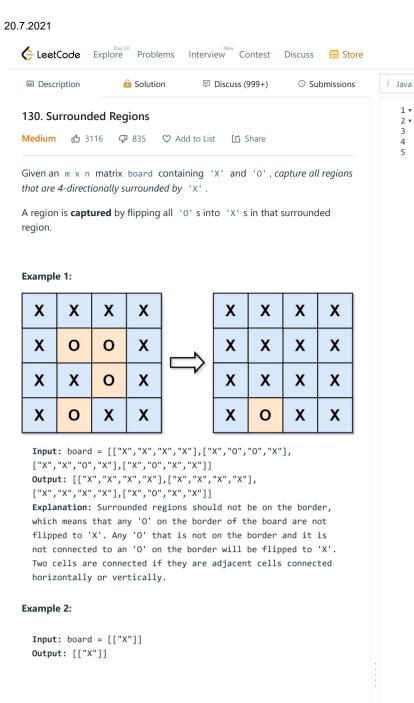
130. Surrounded Regions

Medium   👍 3116   👎 835   ♡ Add to List   ⤴ Share

Given an `m x n` matrix `board` containing `'X'` and `'O'`, *capture all regions that are 4-directionally surrounded by* `'X'`.

A region is **captured** by flipping all `'O'` s into `'X'` s in that surrounded region.

Example 1:

X	X	X	X
X	O	O	X
X	X	O	X
X	O	X	X

⟹

X	X	X	X
X	X	X	X
X	X	X	X
X	O	X	X

Input: board = [["X","X","X","X"],["X","O","O","X"],
["X","X","O","X"],["X","O","X","X"]]
Output: [["X","X","X","X"],["X","X","X","X"],
["X","X","X","X"],["X","O","X","X"]]
Explanation: Surrounded regions should not be on the border,
which means that any 'O' on the border of the board are not
flipped to 'X'. Any 'O' that is not on the border and it is
not connected to an 'O' on the border will be flipped to 'X'.
Two cells are connected if they are adjacent cells connected
horizontally or vertically.

Example 2:

Input: board = [["X"]]
Output: [["X"]]

Constraints:

- `m == board.length`
- `n == board[i].length`
- `1 <= m, n <= 200`
- `board[i][j]` is `'X'` or `'O'`.

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