

463. Island Perimeter

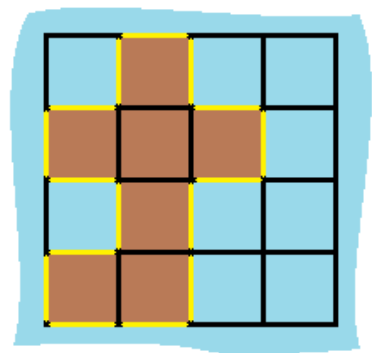
Easy Topics Companies

You are given `row x col` `grid` representing a map where `grid[i][j] = 1` represents land and `grid[i][j] = 0` represents water.

Grid cells are connected **horizontally/vertically** (not diagonally). The `grid` is completely surrounded by water, and there is exactly one island.

The island doesn't have "lakes", meaning the water inside isn't connected to the water around the island. One cell is a square with side length 1.

Example 1:



Input: `grid = [[0,1,0,0],[1,1,1,0],[0,1,0,0],[1,1,0,0]]`
Output: 16
Explanation: The perimeter is the 16 yellow stripes in the image above.

Example 2:

Input: `grid = [[1]]`
Output: 4

Example 3:

Input: `grid = [[1,0]]`
Output: 4

Constraints:

- `row == grid.length`
- `col == grid[i].length`
- `1 <= row, col <= 100`
- `grid[i][j]` is 0 or 1.
- There is exactly one island in `grid`.

Seen this question in a real interview before? 1/4

Yes No

Accepted 486.8K Submissions 693.4K Acceptance Rate 70.2%

Topics

Companies

Similar Questions

Discussion (29)