695. Max Area of Island

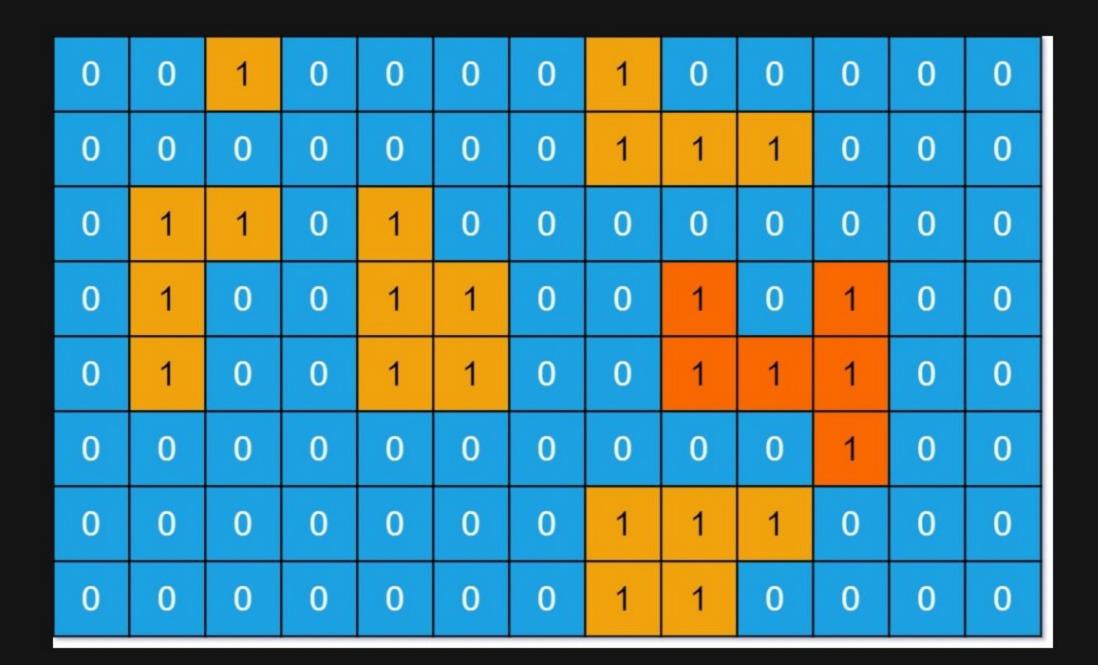
Description

You are given an m x n binary matrix grid. An island is a group of 1 's (representing land) connected 4-directionally (horizontal or vertical.) You may assume all four edges of the grid are surrounded by water.

The **area** of an island is the number of cells with a value 1 in the island.

Return the maximum area of an island in grid. If there is no island, return 0.

Example 1:



Example 2:

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

Constraints:

- m == grid.length
- n == grid[i].length
- 1 <= m, n <= 50
- grid[i][j] is either 0 or 1.