5847. Find All Groups of Farmland

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You are given a **0-indexed** `m x n` binary matrix `land` where a `0` represents a hectare of forested land and a `1` represents a hectare of farmland.

To keep the land organized, there are designated rectangular areas of hectares that consist **entirely** of farmland. These rectangular areas are called **groups**. No two groups are adjacent, meaning farmland in one group is **not** four-directionally adjacent to another farmland in a different group.

`land` can be represented by a coordinate system where the top left corner of `land` is $(0, 0)$ and the bottom right corner of `land` is $(m-1, n-1)$. Find the coordinates of the top left and bottom right corner of each **group** of farmland. A **group** of farmland with a top left corner at (r_1, c_1) and a bottom right corner at (r_2, c_2) is represented by the 4-length array $[r_1, c_1, r_2, c_2]$.

Return *a 2D array containing the 4-length arrays described above for each* **group** *of farmland in* `land`. *If there are no groups of farmland, return an empty array. You may return the answer in* **any order**.

User Accepted:	1520
User Tried:	1724
Total Accepted:	1523
Total Submissions:	2119
Difficulty:	Medium

Example 1:

1	0	0
0	1	1
0	1	1

```
Input: land = [[1,0,0],[0,1,1],[0,1,1]]
Output: [[0,0,0,0],[1,1,2,2]]
Explanation:
The first group has a top left corner at land[0][0] and a bottom right corner at land[0][0].
The second group has a top left corner at land[1][1] and a bottom right corner at land[2][2].
```

Example 2:

1	1
1	1

```
Input: land = [[1,1],[1,1]]
Output: [[0,0,1,1]]
Explanation:
The first group has a top left corner at land[0][0] and a bottom right corner at land[1][1].
```

Example 3:

0

```
Input: land = [[0]]
Output: []
Explanation:
There are no groups of farmland.
```

Constraints:

- `m == land.length`
- `n == land[i].length`
- `1 <= m, n <= 300`
- `land` consists of only `0`'s and `1`'s.
- Groups of farmland are **rectangular** in shape.

| JavaScript ▾ | | 🗎 | ⟳ | ⚙ |

```javascript
1 ▾ /**
2    * @param {number[][]} land
3    * @return {number[][]}
4    */
5 ▾ var findFarmland = function(land) {
6
7   };
```

☐ **Custom Testcase**   (Use Example Testcases)

                                                        ● Run   ☁ Submit

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