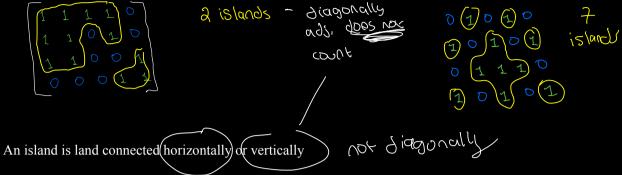
Problem: Given 2d array containing 1's (land) and 0's (water), count the # of islands.



Intro:

- Verify Constraints
 - 。[] 0
 - ° [[], []] 0
- Create Testcases (from production)

Brute Force:

- Brainstorming & Pattern Observations
- Pseudocode
- Write code
- Run through testcases
- · Analyze time and space complexity

Optimal:

- Brainstorming & Pattern Observations
- Pseudocode
- Write code
- Run through testcases
- Analyze time and space complexity

Seq. seever drs., bts time: 0(n) secure: 0(1) ro sque

```
seq search to find 1

Ly once find 1 => call bfs
on it

give

your when
hos bes
track will return
a 2D manix with

3's for visited islands => Pinished
```

COUNTY