- Given an $m \times n$ matrix, return the number of special positions in said matrix.

- A position is special if matrix[i][j] == 1 and all other elements in row i and col j are 0

Ex.

Input: 0 1 0 0
0 0 0 1
0 1 0 0

Output: 1

row 1 0 1
col 0 2 0 1

Ideal if nxn

Thought:

1.) Create a list[int] of size n (len of row)
2.) Increment the count of 1's for each row #
3.) Create a list[int] of size m (len of cols)
4.) Increment the count of 1's for each col #
5.) Iterate over both lists in 1 and 3.
If both values == 1, you have a special number.

Thought #2

1 0 0
0 0 1
1 0 0

```
result = 0
for i = 0 → nums.size()
    if count(input[0], 1) != 1
        i += 1; continue
    count = 0; find where 1 is
    for j = 0 → nums[i].size
        count += nums[j][f]
    total += count == 1 ? 1 : 0
return total
```