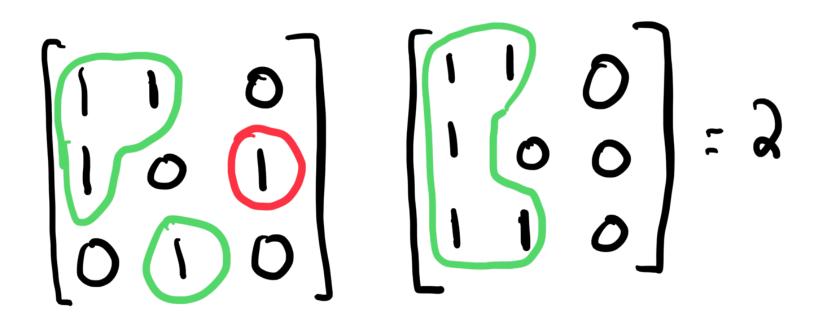
1905.	Count	Sub Islands
Given -	9131,	92
	M×۸	binary
Island.		of 4 directionally

connectet 1s.

Subisland. an island in gaidle is a subisland if it is contamed entirely by an island in gal 1.

Ace Subislands of good that are Subislands of good 2.



Solution: dfs: count islands
just like in number of islands
but now Keep a bool value
for whether the island is
a subisland of nut.

How? Base case: true else: teturn grid1 == 1 AND dfs (neighbors)

Note: do <u>NOT</u> stop recorson it this is no langer a weld Subished. Why? We will count the same island 21 time.

Tinc: O(MxN)

Space: O(M×N)