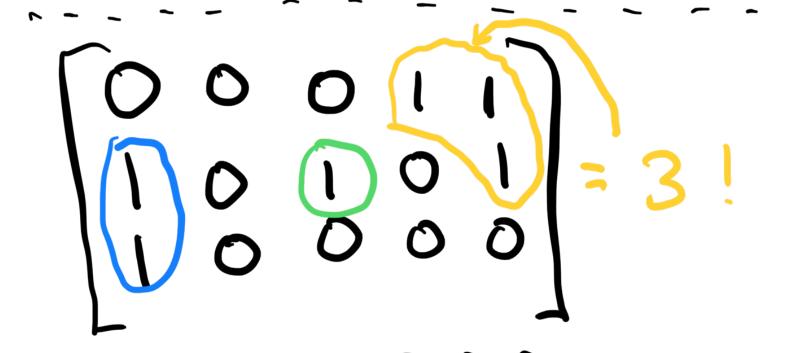
## 695. Max Area of Island

Given: Mxn Matrix-grid

island = group of 1's connectet 4-directionally (no diagonal com)

assume 00B = water

teturn the maximum area of an island in the grap, it no islands, refurn 0.



Solution: DFS · answer = 0 for each (row, col): - if island & not visitet: Time: O(mxn) Gize = dts (10m, col) Space: O(nxn) answer: max lansver, size -dfs:

800 or visited of antes. reduin 0 reform 1 + dis ( neighbors)

· return answer