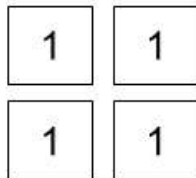


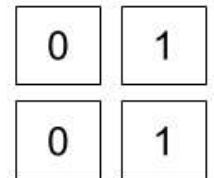
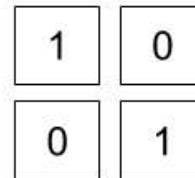
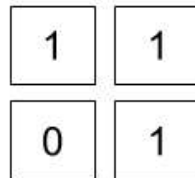
A cell with 1 is a square of 1x1 on its own



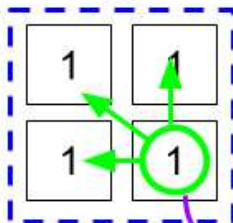
This is how you get 2x2 square. Imagine getting combo



0 in any place can disrupt the square 'combo'



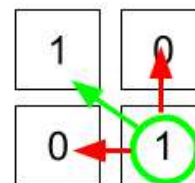
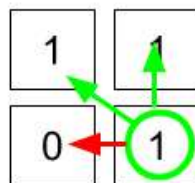
Your combo element depends on all elements surrounding you.



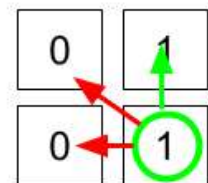
We got a 2x2 square!

Combo element!!!

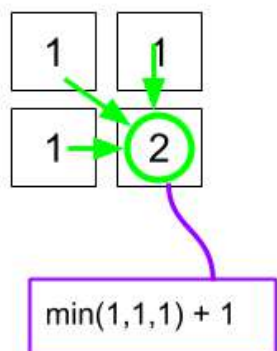
Your combo element is only as strong as the weakest link surrounding you (minimum surrounding element)



No combo

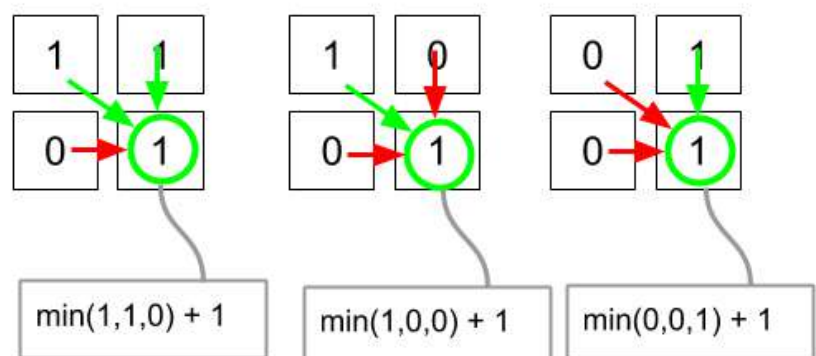


- We are going to use dynamic programming to memoize the combo elements.
- Whenever we see '1' in `matrix`, are going to look the surrounding elements.
 - We are going to get the minimum value of all surrounding elements in `matrix` grid. Then, we are going to add 1. WHY?
 - If this 1 is a part of a combo chain, this will increase the square size.
 - If this 1 is NOT a part of a combo chain, at least it is a cell of size 1x1 on its own.



This type of grid will result in five squares.

- 1 of each cell + 2x2 grid



Original Grid Matrix

1	1	0	0	0
1	1	1	1	1
0	1	1	1	1
0	1	1	1	1
0	0	1	0	1

Original Grid with updated cell values

Edge cells remain the same

1	1	0	0	0
1	2	1	1	1
0	1	2	2	2
0	1	2	3	3
0	0	1	0	1

- Have a single variable holding the total number of squares encountered ``result``
- Update that ``result`` whenever you encounter a cell with 1.