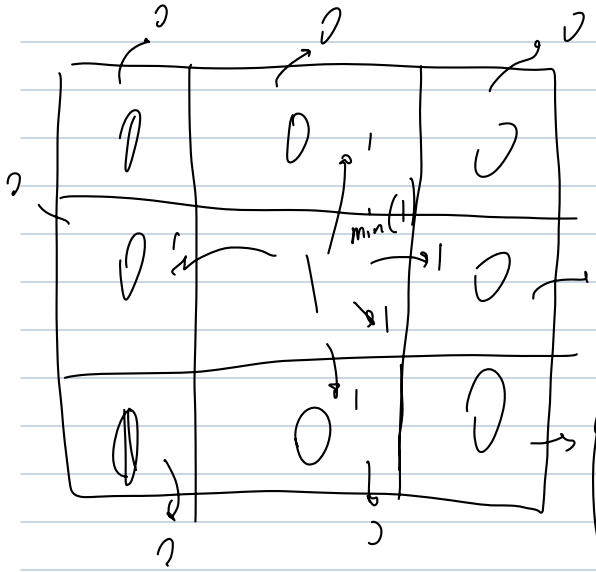
Given mxn matrix, return distance of nearest 0 to each cell



base case if 0 → 0

else:

check up, down, right, left

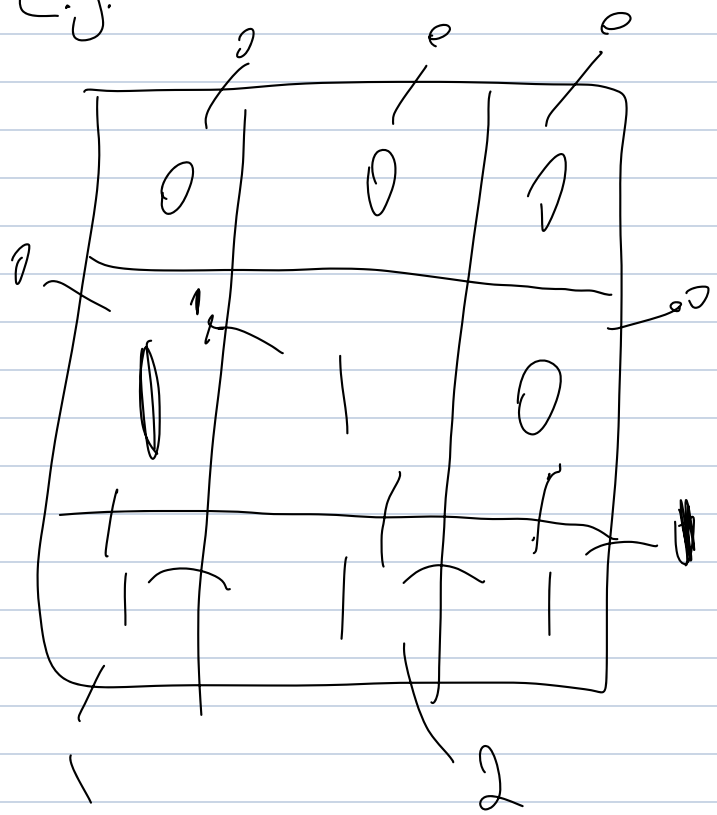
- if either 0 → return 1

else go to min

then check updown right, left again

recursive

e.g.



BFS — shortest distance to the nearest one

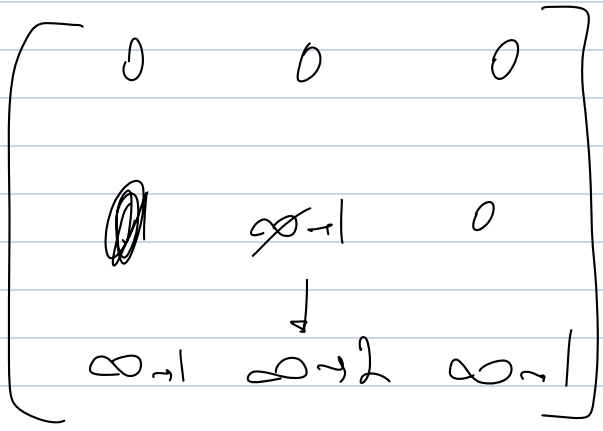
first added all zeroes to queue

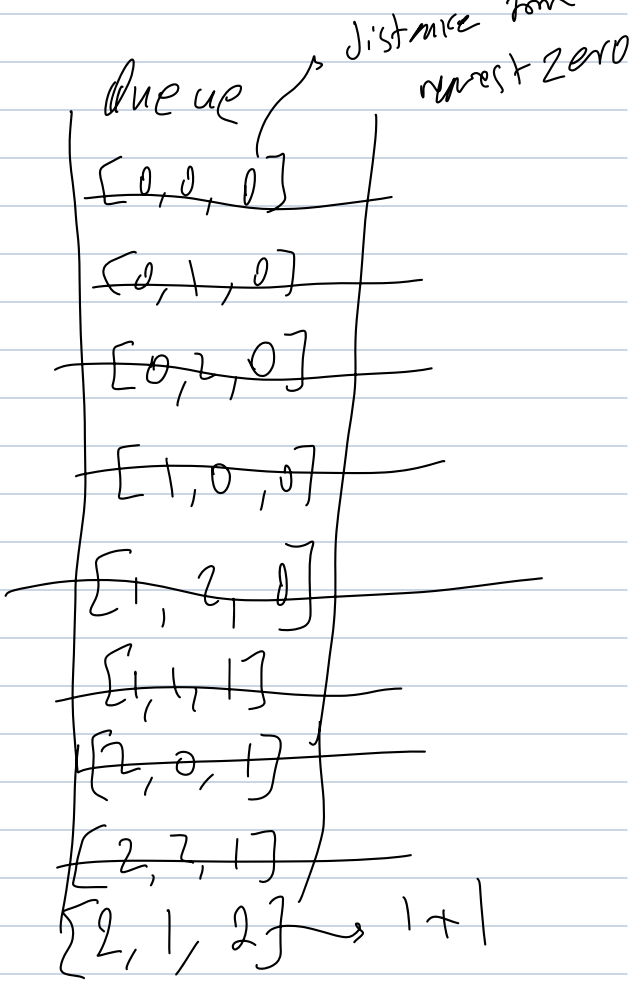
then check for each neighbour

if curVal > val + 1

then update value

Queue





then loop the queue

checks neighbours

if any neighbour is inf

add to queue

check if value > current value

then update

return mat