L60
More Backtracking Problems

Join Discord - https://bit.ly/ly-discord

RECAP

A couple of harder backtracking problems today.

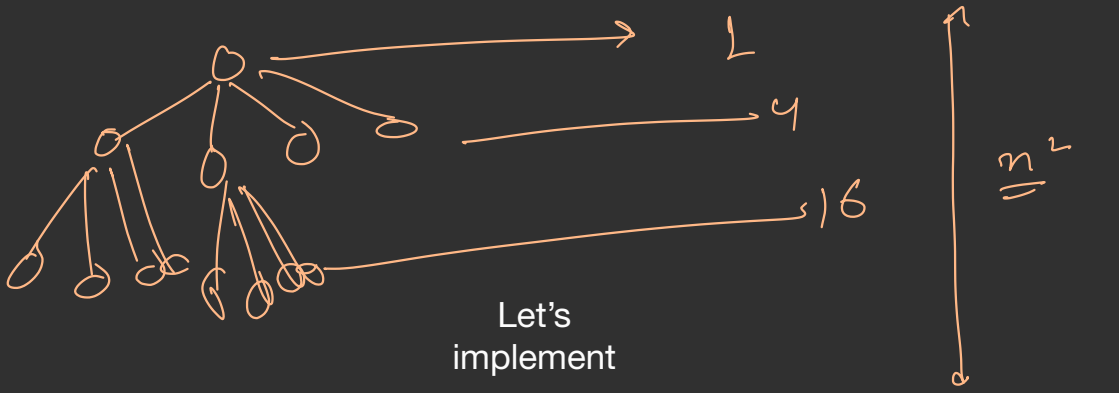
U R D L

1. Rat in a Maze

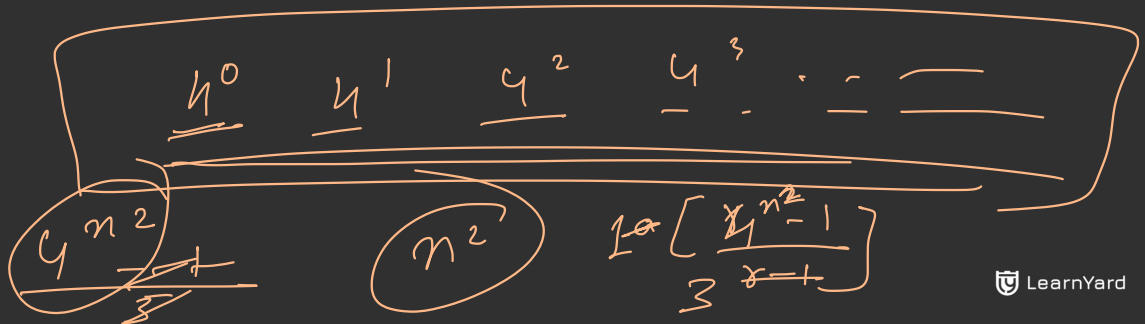
1	1	1	0
1	0	1	0
1	1	1	1
1	1	0	1

Intuition

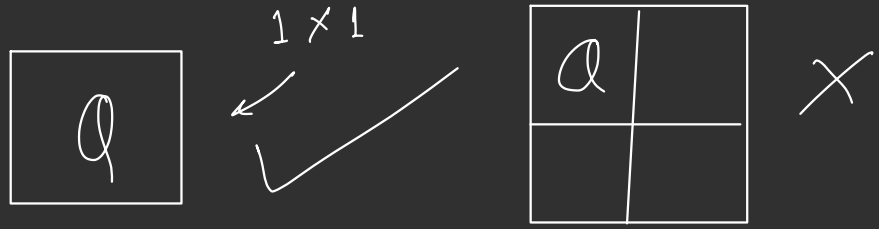
Solution



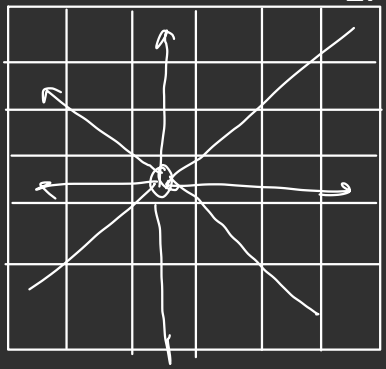
Let's
implement

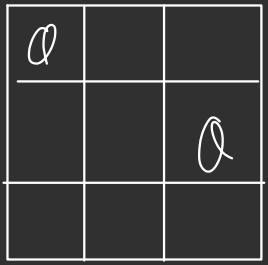


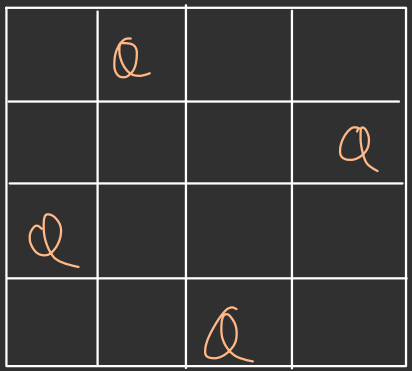
Time & Space?



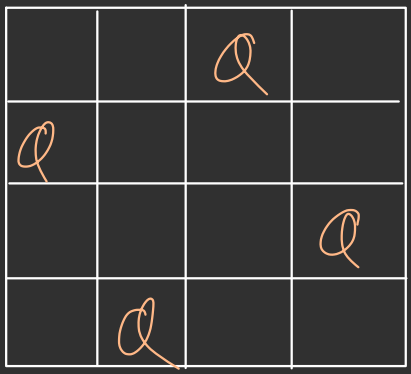
2. N-Queen Problem

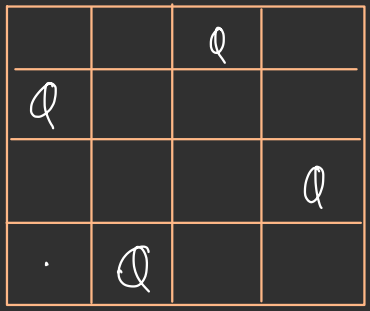




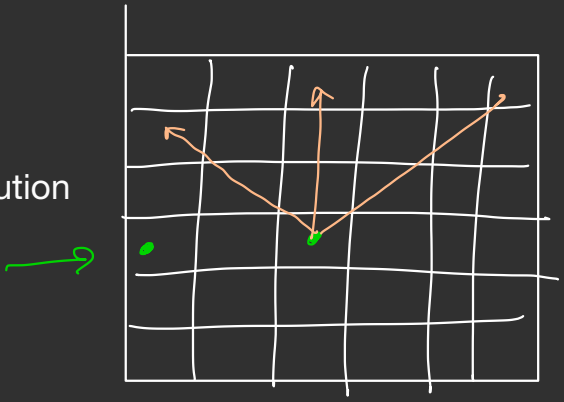


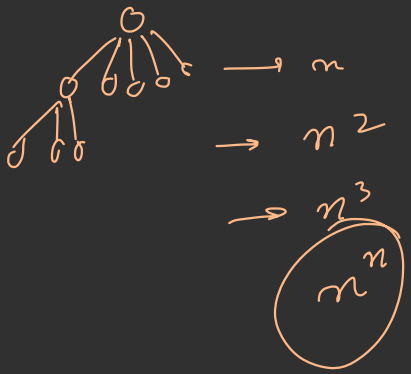
Intuition





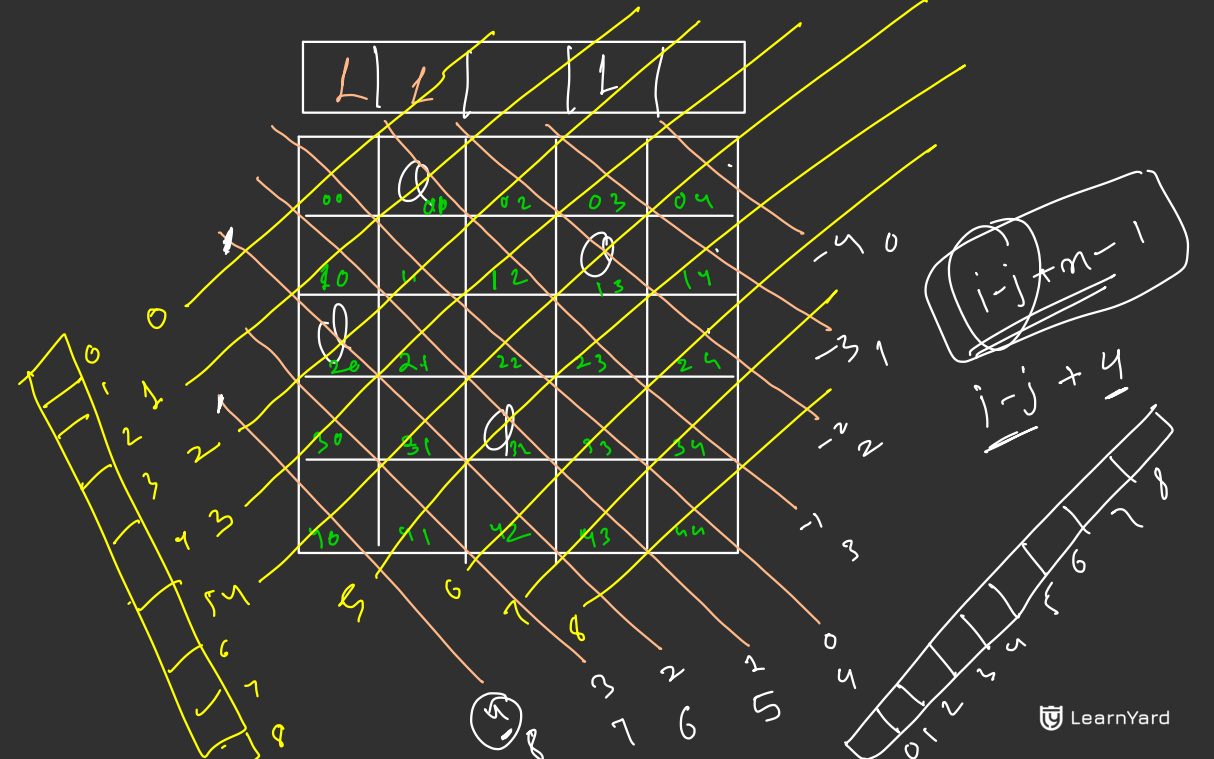
Solution





Let’s
implement

An optimisation
for isSafe()


i-j+m-1
i-j+4
LearnYard

Time & Space?

Thank You!

Reminder: Going to the gym & observing the trainer work out can help you know the right technique, but you'll muscle up only if you lift some weights yourself.

So, PRACTICE, PRACTICE, PRACTICE!