Bonus Lecture - 2
Game Theory Basics

RECAP

Introduction

A game could be:

Chess, Snooker

1. Sequential / Non - Sequential → A buzzer quiz
2. Partial / Impartial
3. Secrecy / Complete Information → Chess
4. Finite / Infinite

→ Poker

General game problems?

LearnYard

A basic problem

What if 1, 2, 3 … or K coins were allowed to be picked up?

Keeper Loser

Let's look at a problem that
requires general observation

Sequential NIM

Intuition / Solution

Let's implement

2. Stepping Number

Intuition / Solution

Let's implement

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!