Let's begin at 9:02 PM

L87
Graphs Problem Solving 1

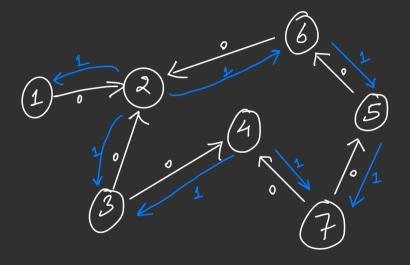
Contest tomorrow at 4:00 PM

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

Practice! Let's aim for 3 problems.

1. REVERSE

ans = 2





Intuition / Solution

Let's Implement

2. Red - Green Path

Question

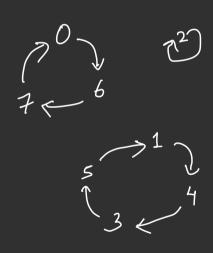
- Given an undirected, unweighted graph with red/green edges. Find shortest distance between given source and destination such that:
 - You have to start from the red edge and finish at the green edge.
 - No self loops, multiple edges.
 - You can switch from red to green only once

Intuition / Solution

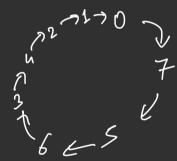


Let's Implement

Theory for the next problem





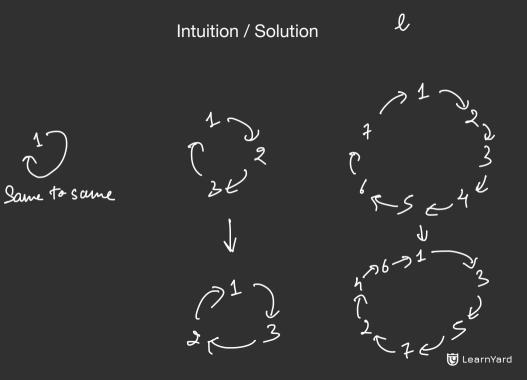


3. Square Root

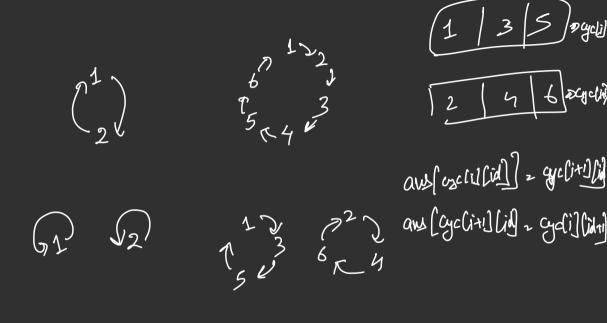
Practice Problem

- 1. Given a permutation P, P2 is defined as:
 - a. For each i, $P^2[i] = P[P[i]]$
- 2. Given a permutation Q, find a permutation P s.t. $P^2 = Q$, or print -1 if it's impossible.
- 3. Example -> [2, 3, 1, 0]

$$\Rightarrow P^2 = [1,0,3,2]$$







U LearnYard

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!

