

L58

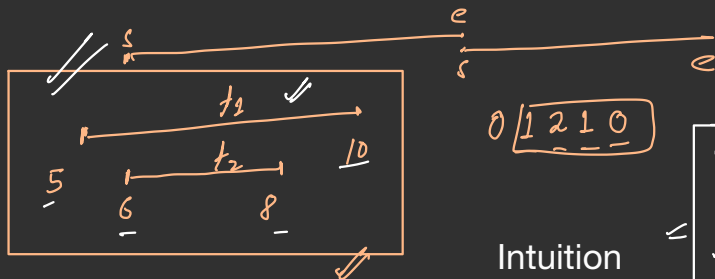
More Greedy & Interval Based Problems

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

RECAP

Final class
on greedy

1. Minimum Platforms (Alternative Approach)



0 1 2 1 0

Intuition

5, a
6, a
8, d
10, d

$x + \text{trans}$

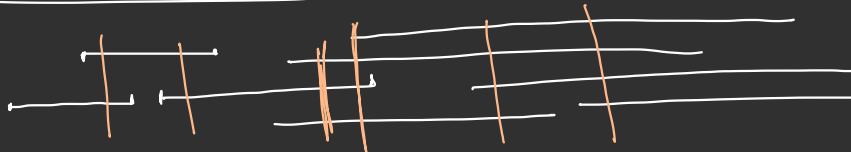
$2x$

train Count

1 2 1 0

8

5, a 10, d 6, a 8, a



1 0 1 0

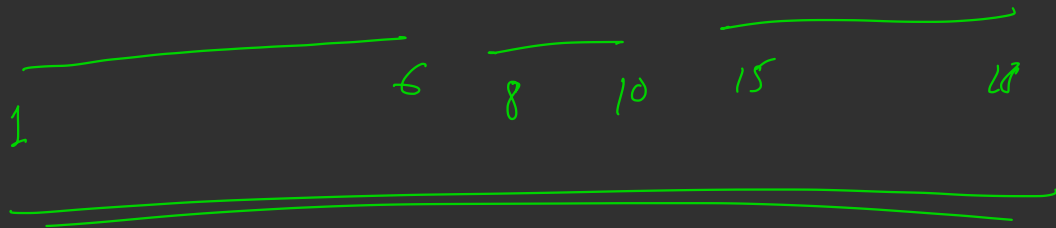
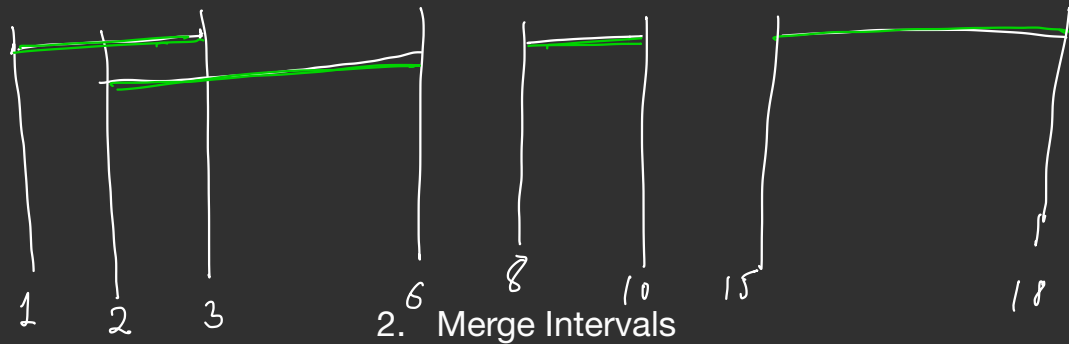
1 2 1 0

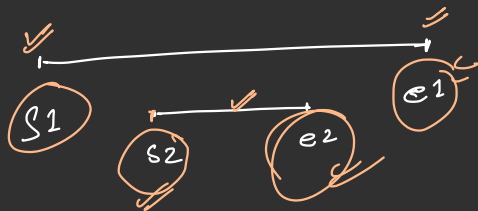
t1 1 4
t2 4 7

1, 'a' 4, 'd' 4, 'a' 7, 'd'

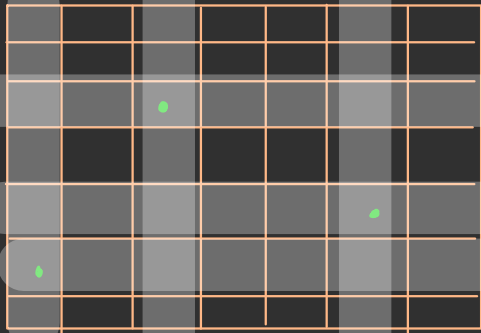
Solution

Let's
implement





Intuition



Solution

$$\begin{array}{r} C - 2 \\ \hline C - 2 \end{array} \quad \underline{\underline{2 \times 2}}$$

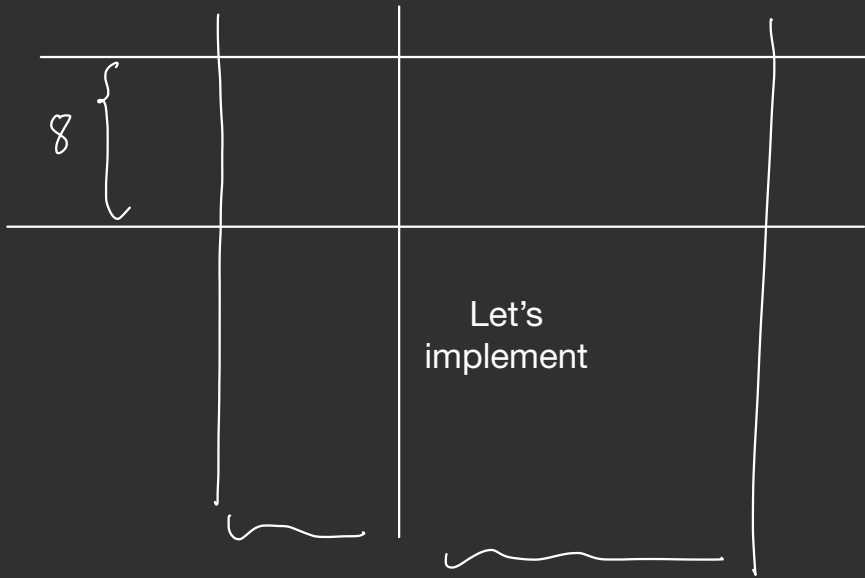
- 1 (8, 3) ✓
- 2 (6, 8) ✓
- 3 (2, 1) ✓

$$\boxed{8, 6, 2}$$

$$\begin{array}{cccc} 11 & 2 & 6 & 8 \\ \hline 1 & 3 & 1 & 0 \end{array}$$

$$\boxed{3, 8, 11}$$

$$\begin{array}{cccc} 1 & 3 & 8 & 11 \\ \hline 2 & 4 & 2 & 4 \end{array}$$



3. Defense of a Kingdom

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!