## L24 Arrays - Practice 4

Stay tuned for the System Design Course Announcement.

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

## **RECAP**

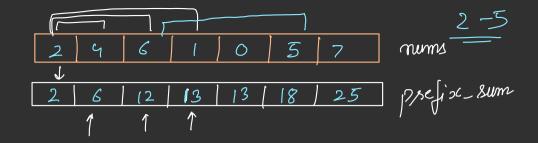


Paus by value

7 func (vector lint> V) int main()

S vector (int)

fem(c); **U** LearnYard



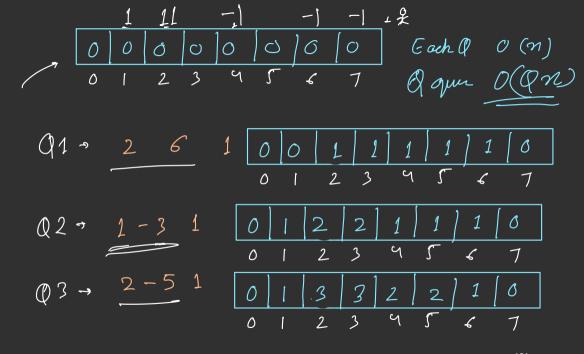
Range Sum Queries [important]

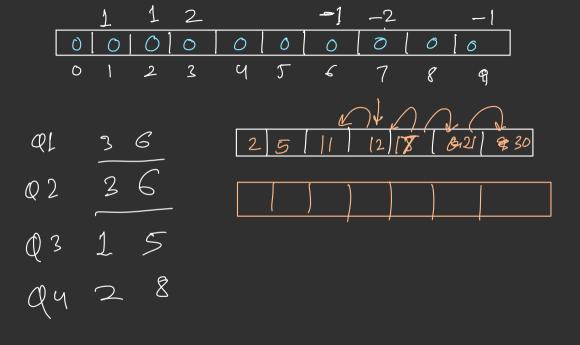
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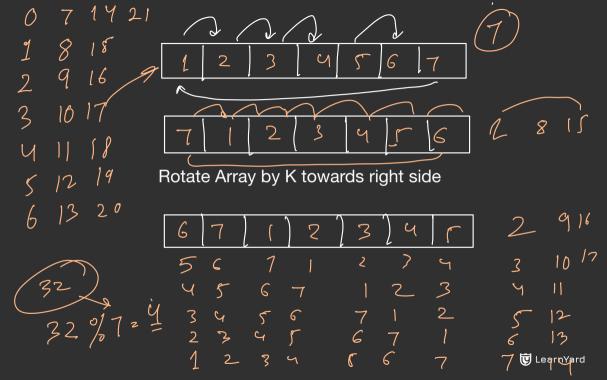
Given an array of all zeroes, then Q queries are given:

- 1. Each query has I, r, 1: Meaning 1 should be added to arr[I], arr[I+1] ... arr[r].
- 2. Print the final state of the array after all the queries are processed.



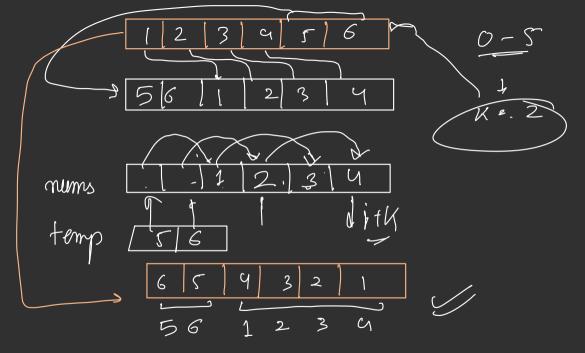






$$M = 6$$
 $K = 132 157 K %

 $K = K \% M$ 
 $K = M \% = M$$ 



## 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!

