L23 Arrays - Practice 3

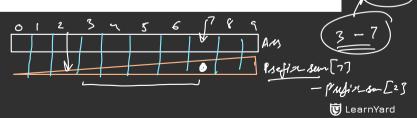
Stay tuned for the System Design Course Announcement.

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

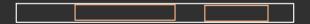
Recap

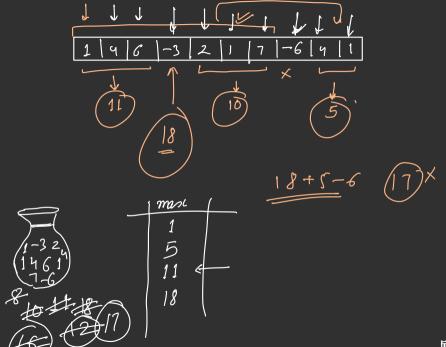
- 1. Did some practice:
 - a. https://leetcode.com/problems/merge-sorted-array/description/
 - i. Solved using 2-pointers.
 - b. https://leetcode.com/problems/running-sum-of-1d-array/description/
 - i. Follow-up: Find prefix max array
 - Follow-up 2: Given queries: each query has some i, find the max of all numbers except the ith one.
 - 1. Solved using max and 2nd max.
 - 2. And then using pref_max and suf_max



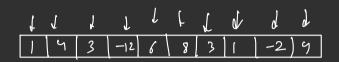


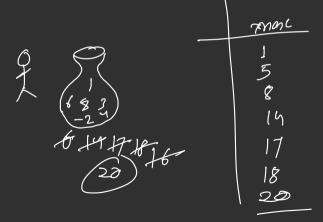
Given an array of integers, find the maximum subarray sum [important]

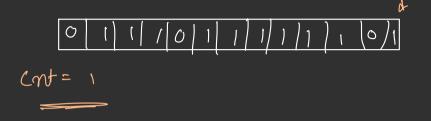




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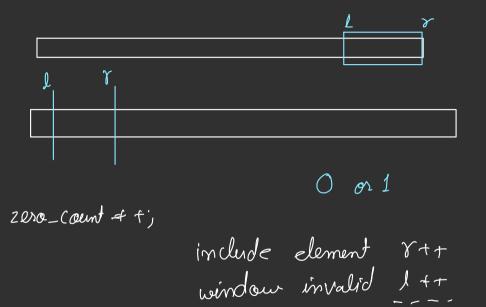






Max consecutive ones - part 2



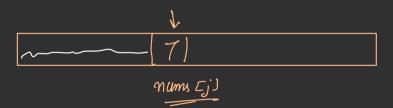


0 0 1 1 0 0 1 1 1 0 1 1 0 0 0 1 1 1 1

zero-count = 3

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int 200-(ount=0; int l=0, ans=0; for (int 1=0; 12 4 n; 1 ++) in (nums[1] = = 0) zero-count ++; // make the window valid agai. while (zero-Count >K) if (num [l] ==0) zeso_(aunt --; ans = max (any, 1-1+1); LearnYard Max difference b/w increasing elements



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7 | 5 | 4

ans = 7

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!

