CODESHOWS

MODULE - 2

TOPIC - ARRAYS

DAY 01

1. Largest Sum Contiguous Subarray (Kadane's Algorithm)
2. Add One To Number
3. Find Duplicate in Array
4. Next Permutation

DAY 02

1. Shuffle an array according to the given order of elements
2. Largest Number
3. Set Matrix Zeroes with O(1) extra space

DAY 03

1. Majority Element (Moore’s Voting Algorithm)
2. Two Sum
3. Rotate Array
4. N/3 Repeat Number

DAY 04

1. Maximum difference between two elements such that larger element appears after the smaller number
2. Merge Intervals
3. Gas Station

DAY 05

1. Two Pointers Technique
2. Pascal's Triangle
3. Sort Colors
4. Contiguous Array

DAY 06

1. Trapping Rain Water (Watch all three parts from ForAllEpsilon channel)
2. Single Number
3. Find Permutation
4. Repeat and Missing Number Array

DAY 07

1. Window Sliding Technique
2. Search a 2D Matrix
3. Rotate Matrix
4. Find the smallest positive number missing from an unsorted array

DAY 08

1. Count Inversions in an array (Using Merge Sort)
2. Find common elements in 3 sorted arrays
3. 3 Sum

DAY 09

1. Prefix Suffix Sum Array [Implementations & Applications]
2. Maximum occurred integer in N ranges
3. Majority Element II
4. Flip

DAY 10

1. Rearrange an array so that arr[i] becomes arr[arr[i]] with O(1) extra space
2. Single Number II
3. Max Distance

DAY 11

1. Difference Array
2. Maximum Absolute Difference
3. Spiral Order Matrix II

DAY 12

1. Best Time to Buy and Sell Stock
2. Pascal's Triangle II
3. Reverse Pairs

KEEP
CALM
AND
KEEP
CODING

Thanks!

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