

31st August 2021

- ① Long pressed name/Faulty keyboard
- ② Container with most water
- ③ Square of sorted array
- ④ Majority Element
- ⑤ Majority Element - I
- ⑥ Majority Element general

2nd September 2021

- ① Next Greater Element - III
- ② Max product of 3 Numbers
- ③ Largest Number atleast twice of others.
- ④ Max. moves to make array sorted
- ⑤ max moves to make sorted - 2

4th September 2021 (Morning)

- ① No. of Subarrays with bounded max
- ② Wiggle Sort
- ③ Reverse vowels of strings
- ④ Product of array except itself
- ⑤ Maximise distance to closest person.

4th September 2021 (Evening)

- ① First Missing positive
- ② Range Addition
- ③ Best Meeting point
- ④ Min moves to equal array
- ⑤ sort by parity
- ⑥ Max. swap

5th September 2021 (Morning)

- ① Pascal's Triangle 2
- ② 2 sum
- ③ 3 sum
- ④ 4 sum
- ⑤ K sum
- ⑥ Complex Number Multiplication

5th September 2021 (Evening)

- ① Min No. of platform
- ② sieve of Eratosthenes
- ③ segmented sieve
- ④ Two diff.
- ⑤ Boats to save people

7th September 2021

- ① Min Jump required with $+i$ or $-i$
- ② Partition Labels
- ③ Buddy Num
- ④ Max product subarray
- ⑤ Transpose $N \times N$ or $M \times N$
- ⑥ Rotate Images

9th September 2021

- ① Push Dominoes
- ② consecutive Number sum
- ③ Add Strings
- ④ Multiply String
- ⑤ Max. sum of two non overlapping arrays
- ⑥ wiggle sort 2

11th September 2021 (Morning)

- ① Trapping rain water
- ② Trapping rain water-2
- ③ sliding window max
- ④ Meeting Room
- ⑤ Meeting Room 2
- ⑥ Merge intervals

11th September 2021 (Evening)

- ① Interval list intersection
- ② Insert interval
- ③ Min. number of arrays
- ④ Gas Station
- ⑤ Sum of subseq. of width

12th September 2021 (Morning)

- ① Car fleet
- ② Digit Multiplier
- ③ first -ve in k-size window
- ④ Max. consecutive one-II
- ⑤ Max. consecutive one-III
- ⑥ Max. Sum of Smallest and Second Smallest in Subarray.

12th September 2021 (Evening)

- ① Smallest Range from k-list
- ② Car pooling
- ③ min. size subarray sum
- ④ Max. Avg. subarray
- ⑤ min. length of strings after removing --
- ⑥ valid palindrome -2

14th September 2021

- ① Partition array into disjoint intervals $\xrightarrow{\text{space}} O(n)$
 $\searrow O(1)$
- ② find all duplicates
- ③ find and replace pattern
- ④ Miscellaneous

16th September 2021

- ① KMP
- ② Shortest Palindrome
- ③ Z- Algo
- ④ Chef and secret password
- ⑤ Extended Euclid Algorithm