

# CP WITH ABHINAV LIVE



**Date:** 22<sup>th</sup> Oct 2021

**Time:** 9 PM

**Facilitator:** Abhinav Awasthi

## Topics Covered

Vectors (Initialization, Declaration, Ways to initialize), Vector STL important functions.

## You can refer these links:

- Vector STL: <https://www.geeksforgeeks.org/vector-in-cpp-stl/>
- Ways to initialize: <https://www.geeksforgeeks.org/initialize-a-vector-in-cpp-different-ways/>
- Rotate in C++: <https://www.geeksforgeeks.org/rotate-in-cpp-stl/>
- push\_back vs emplace\_back: [https://www.youtube.com/watch?v=R1WMPY\\_Uuyo](https://www.youtube.com/watch?v=R1WMPY_Uuyo)

## Problems Discussed:

- Topic( $x^n \% m$ ): <https://codeforces.com/contest/1514/problem/B>
- Topic(Rotate): <https://codeforces.com/contest/1511/problem/C>
- Topic(Maths): <https://codeforces.com/contest/1511/problem/B>
- Two Sum: <https://leetcode.com/problems/two-sum/>
- 3 Sum: <https://leetcode.com/problems/3sum/>
- 4 Sum: <https://leetcode.com/problems/4sum/>
- Topic(Two Pointer): <https://leetcode.com/problems/container-with-most-water/>

## New Problems to Practice:

- <https://leetcode.com/problems/3sum-closest/> (Leetcode Medium)
- <https://leetcode.com/problems/remove-duplicates-from-sorted-array/> (Leetcode Easy)
- Practice Kickstart Round G Problems, we will discuss it tomorrow.

## Video Recommended

Check out this video of mine for revision of that mod concepts which I have discussed today:

<https://www.youtube.com/watch?v=v00uhOHTy8c&t=25s>

## Contact

- Telegram: <https://t.me/codenavdiscuss>
- Youtube: <https://youtube.com/abhinavawasthi>
- Whatsapp: 9935859460
- Linkedin: <https://www.linkedin.com/in/abhinavawasthi01>
- Instagram: <https://instagram.com/iammabhinav>

## Announcements

No announcements for today.

## Next Class Details

We will discuss Two Pointers and Some more about vectors.

Thanks You

Details of this course: <https://abhinavawasthi.code.blog/live-dsa-and-cp-classes/>