

# TCP Roadmap Week 7:

## Two pointers :

### Resources:

- <https://codeforces.com/edu/course/2/lesson/9>
- <https://www.geeksforgeeks.org/two-pointers-technique/>

### Problems:

- <https://leetcode.com/problems/3sum/>
- <https://leetcode.com/problems/remove-duplicates-from-sorted-array/>
- <https://leetcode.com/problems/container-with-most-water/>
- <https://leetcode.com/problems/trapping-rain-water/>
- <https://leetcode.com/problems/merge-sorted-array/>
- <https://codeforces.com/problemset/problem/1399/C>
- <https://codeforces.com/problemset/problem/1369/C>

## Sliding Window:

### Resources:

- [https://www.youtube.com/playlist?list=PL\\_z\\_8CaSLPWeM8BDJmIYDaoQ5zuwyxnfi](https://www.youtube.com/playlist?list=PL_z_8CaSLPWeM8BDJmIYDaoQ5zuwyxnfi)
- <https://www.geeksforgeeks.org/window-sliding-technique/>

### Problems:

- <https://leetcode.com/problems/maximum-average-subarray-i/>
- <https://leetcode.com/problems/subarray-product-less-than-k/>
- <https://leetcode.com/problems/longest-turbulent-subarray/>
- <https://leetcode.com/problems/fruit-into-baskets/>
- <https://leetcode.com/problems/k-radius-subarray-averages/>
- <https://leetcode.com/problems/frequency-of-the-most-frequent-element/>
- <https://leetcode.com/problems/sliding-window-maximum/>