

■ Array Revision Problem Sheet (Placement Prep)

Level 1 – Warm-up (Confidence building)

- Find Maximum and Minimum in Array
- Reverse an Array
- Check if Array is Sorted
- Move Zeroes to End (LeetCode #283)

Level 2 – Common Interview Arrays

- Rotate Array by K steps (LeetCode #189)
- Two Sum (LeetCode #1)
- Majority Element (LeetCode #169)
- Best Time to Buy and Sell Stock (LeetCode #121)

Level 3 – Intermediate Patterns

- Subarray Sum Equals K (LeetCode #560)
- Minimum Size Subarray Sum (LeetCode #209)
- Trapping Rain Water (LeetCode #42)
- Product of Array Except Self (LeetCode #238)

Level 4 – Challenge (Placement Standard)

- Maximum Subarray (Kadane's Algorithm) (LeetCode #53)
- Longest Consecutive Sequence (LeetCode #128)
- Find Minimum in Rotated Sorted Array (LeetCode #153)
- Split Array Largest Sum (LeetCode #410, Hard)

■ Key Points for Improvement

- Level 1: Build speed in implementation (don't think, just type).
- Level 2: Strengthen HashMap & Two pointer use.
- Level 3: Practice prefix sum & sliding window (they repeat a lot).
- Level 4: Slowly tackle harder logic (binary search on answer, Kadane, etc.).