

## Top-20 Training Program (Adhoc Thinking-I)

Apply the solution building strategies discussed in class to solve following problems.

## **Group1: Duplicate Detection/Removal Variations**

array/description/

 $\textbf{Remove} \quad \textbf{Duplicates-II:} \quad \underline{\text{https://leetcode.com/problems/remove-duplicates-from-sorted-}}$ 

array-ii/description/

Remove Duplicates-III: <a href="https://leetcode.com/problems/remove-element/description/">https://leetcode.com/problems/remove-element/description/</a>
Contains Duplicate-II: <a href="https://leetcode.com/problems/contains-duplicate-ii/description/">https://leetcode.com/problems/contains-duplicate-ii/description/</a>

## **Group2: Missing/Repeated Numbers Variations**

Find the Difference: <a href="https://leetcode.com/problems/find-the-difference/description/">https://leetcode.com/problems/find-the-difference/description/</a>
Repeated & Missing Number: <a href="https://leetcode.com/problems/first-missing-positive/description/">https://leetcode.com/problems/first-missing-positive/description/</a>
PuplicateNumber: <a href="https://leetcode.com/problems/find-the-duplicate-number/description/">https://leetcode.com/problems/find-the-duplicate-number/description/</a>
Find All Missing Numbers: <a href="https://leetcode.com/problems/find-all-numbers-disappeared-in-an-array/description/">https://leetcode.com/problems/find-all-numbers-disappeared-in-an-array/description/</a>

## **Group3: 2-SUM & 3-SUM Variations**

TwoSum-I: https://leetcode.com/problems/two-sum/description/

**TwoSum-II:** https://leetcode.com/problems/two-sum-ii-input-array-is-sorted/description/

ThreeSum: https://leetcode.com/problems/3sum/description/

ThreeSum Closest: <a href="https://leetcode.com/problems/3sum-closest/description/">https://leetcode.com/problems/3sum-closest/description/</a>

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