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| Neetcode Problem | On Local and GitHub | Notebook | Last Visited | Status |
| Contains Duplicates | Yes | Yes | 07/27/2022 | -Cannot be solved with two pointers unless array is sorted first. Need hash map. |
| Valid Anagram | Yes | Yes | 07/27/2022 |  |
| Two Sum | Yes | Yes | 07/04/2022 | -Need to verify Big O space complexity of Approach 1 and 2 |
| Group Anagrams | Yes | Yes | 07/04/2022 | ✔️ |
| Top K Frequent | Yes | Yes | 07/05/2022 | -Learn Heaps then add new approaches  to notebook and local/GH |
| Product of Array Except Self |  |  |  |  |
| [Valid](https://leetcode.com/problems/product-of-array-except-self/) Sodoku |  |  |  |  |
| Encode and Decode Strings | Yes |  |  |  |
| Longest Consecutive Sequence | Yes | Yes | 07/04/2022 | -Complete on Local and push to GH  -Need to get Big O space complexity  -Other approaches? |

Arrays & Hashing(Verify Big O Accuracy for All)

Two Pointers(Verify Big O Accuracy for All)

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| Neetcode Problem | On Local and GitHub | Notebook | Last Visited | Status |
| Valid Palindrome | Yes | Yes | 09/11/2022 | ✔️ |
| Two Sum II |  |  | 07/26/2022 |  |
| 3 Sum |  |  | 07/26/2022 |  |
| Container with Most Water |  |  |  |  |
| Trapping Rain Water |  |  |  |  |
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Sliding Window(See Leetcode Doc for More)

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| Neetcode Problem | On Local and GitHub | Notebook | Last Visited | Status |
| Best Time to Buy and Sell Stock | Yes | Yes | 07/28/2022 | ✔️ |
| Longest Substring without Repeating Characters | Yes | Yes | 09/12/2022 | -Sliding window |
| Longest Repeating Character Placement |  |  |  |  |
| Permutation in String |  |  |  |  |
| Minimum Window Substring |  |  |  |  |
| Sliding Window Maximum |  |  |  |  |
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Linked Lists

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| --- | --- | --- | --- | --- |
| Neetcode Problem | On Local and GitHub | Notebook | Last Visited | Status |
| Reverse Linked List | Yes | Yes | 08/01/2022 | Three variables: prev, current, next |
| Merge Two Linked Lists |  |  |  |  |
| Find the Duplicate Number |  |  |  |  |
| Linked List Cycle | Yes | Yes | 08/01/2022 | Fast and slow pointers(2) is most space & time optimal. Can also solve using hash map. |
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