Questions

Instructions

- Here is the list of languages accepted
    - **High-Level Languages**: Python, JavaScript, TypeScript
    - **Low-Level Languages**: Java, C++, C, C#, Go, Rust

- You can directly click on the question which will redirect you to the question page.

- For LeetCode problems, two solutions are required. One using any one of the accepted low level language and any one of the high-level languages. For high-level languages, feel free to use any inbuilt functions and fully utilize the functionality offered by it. For low-level implementation, use inbuilt functions only if it's necessary. For example, you can use 'chat' to find the character at the particular string, any string slicing methods, etc.

LeetCode Questions Numbers

- **Easy :** 1, 104, 876, 141, 500, 20, 226, 66, 225, 232, 724, 1991
- **Medium :** 61, 114, 142, 3, 438, 739, 200, 189, 105, 148, 692
- **Hard :** 25, 68, 1106

Easy

1 : Two Sum 🔗

Topics : Array, Hash Table

2 : Maximum Depth of Binary Tree 🔗

Topics : Tree, Binary Tree, Depth First Search (DFS), Breadth First Search (BFS)

3 : Middle of the Linked List 🔗

Topics : Linked-List, Two Pointers

4 : Linked List Cycle 🔗

Topics : Linked-List, Two Pointers

5 : Keyboard Row 🔗

Topics : String, Array, Hash Table

6 : Valid Parentheses 🔗

Topics : String, Stack

7 : Invert Binary Tree 🔗

Topics : Tree, Depth-First Search (DFS), Breadth-First Search (BFS), Binary Tree

8 : Plus One 🔗

Topics : Array, Math

9 : Implement Stack using Queues 🔗

Topics : Stack, Design, Queue

10 : Implement Queue using Stacks 🔗

Topics : Stack, Design, Queue

11 : Find Pivot Index 🔗 & Find the Middle Index in Array 🔗 (Same Problem)

Topics : Array, Prefix Sum

Medium

1 : Rotate List 🔗

Topics : Linked-List, Two Pointer

2 : Flatten Binary Tree to Linked List 🔗

Topics : Linked-List, Binary Tree, Stack, Tree, Depth First Search (DFS)

3 : Linked List Cycle II 🔗

Topics : Linked-List, Two Pointers

4 : Longest Substring Without Repeating Characters 🔗

Topics : String, Hash Table, Sliding Window

5 : Find All Anagrams in a String 🔗

Topics : String, Hash Table, Sliding Window, Sorting

6 : Daily Temperatures 🔗

Topics : Monotonic Stack, Stack, Array

7 : Number of Islands 🔗

Topics : Array, Depth-First Search, Breadth-First Search, Union Find, Matrix

8 : Rotate Array 🔗

Topics : Array, Math, Two Pointers

9 : Construct Binary Tree from Preorder and Inorder Traversal 🔗

Topics : Array, Hash Table, Divide and Conquer, Tree, Binary Tree

10 : Sort List 🔗

Topics :   Linked List, Two Pointers, Divide and Conquer, Sorting, Merge Sort

11 : Top K Frequent Words 🔗

Topics :   Hash Table, String, Trie, Sorting, Heap (Priority Queue), Counting

Hard

1 : Reverse Nodes in k-Group 🔗

Topics :   Linked List, Recursion

2 : Text Justification 🔗

Topics :   String, Simulation

3 : Parsing A Boolean Expression 🔗

Topics :   String, Stack, Recursion

Bonus

Implement MinHeap and MaxHeap using anyone of the low level languages mentioned in the Instructions. [10 Points]