

Grind 75 LeetCode questions

- Two months to finish with 8 weeks planned as below
 - Do each question in python + JavaScript
 - Create folder for each, include .py .js + notes
 - Commit to github
- Note: Read hard Algos and DS's that you don't understand.

Week 1 January 22nd

Week 1		0 / 13	^
1	Two Sum Easy · 15 mins	✓	
2	Valid Parentheses Easy · 20 mins	✓	
3	Merge Two Sorted Lists Easy · 20 mins	✓	
4	Best Time to Buy and Sell Stock Easy · 20 mins	✓	
5	Valid Palindrome Easy · 15 mins	✓	
6	Invert Binary Tree Easy · 15 mins	✓	
7	Valid Anagram Easy · 15 mins	✓	
8	Binary Search Easy · 15 mins	✓	
9	Flood Fill Easy · 20 mins	✓	
10	Lowest Common Ancestor of a Binary Search Tree Easy · 20 mins	✓	
11	Balanced Binary Tree Easy · 15 mins	✓	
12	Linked List Cycle Easy · 20 mins	✓	
13	Implement Queue using Stacks Easy · 20 mins	✓	

Jan 20th - first attempt

Week of January 29th

Week 2		0 / 12	^
1	First Bad Version Easy · 20 mins		
2	Ransom Note Easy · 15 mins		
3	Climbing Stairs Easy · 20 mins		
4	Longest Palindrome Easy · 20 mins		
5	Reverse Linked List Easy · 20 mins		
6	Majority Element Easy · 20 mins		
7	Add Binary Easy · 15 mins		
8	Diameter of Binary Tree Easy · 30 mins		
9	Middle of the Linked List Easy · 20 mins		
10	Maximum Depth of Binary Tree Easy · 15 mins		
11	Contains Duplicate Easy · 15 mins		
12	Maximum Subarray Medium · 20 mins		

Week of Feb 5th

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|---|--|---|
| 1 | Insert Interval
Medium · 25 mins | ✓ |
| 2 | 01 Matrix
Medium · 30 mins | ✓ |
| 3 | K Closest Points to Origin
Medium · 30 mins | ✓ |
| 4 | Longest Substring Without Repeating Characters
Medium · 30 mins | ✓ |
| 5 | 3Sum
Medium · 30 mins | ✓ |
| 6 | Binary Tree Level Order Traversal
Medium · 20 mins | ✓ |
| 7 | Clone Graph
Medium · 25 mins | ✓ |
| 8 | Evaluate Reverse Polish Notation
Medium · 30 mins | ✓ |

Week of Feb 12th

Week 4

0 / 8

1

Course Schedule

Medium · 30 mins

2

Implement Trie (Prefix Tree)

Medium · 35 mins

3

Coin Change

Medium · 25 mins

4

Product of Array Except Self

Medium · 30 mins

5

Min Stack

Medium · 20 mins

6

Validate Binary Search Tree

Medium · 20 mins

7

Number of Islands

Medium · 25 mins

8

Rotting Oranges

Medium · 30 mins

Week of Feb 19th

Week 5

0 / 8

1

Search in Rotated Sorted Array

Medium · 30 mins

2

Combination Sum

Medium · 30 mins

3

Permutations

Medium · 30 mins

4

Merge Intervals

Medium · 30 mins

5

Lowest Common Ancestor of a Binary Tree

Medium · 25 mins

6

Time Based Key-Value Store

Medium · 35 mins

7

Accounts Merge

Medium · 30 mins

8

Sort Colors

Medium · 25 mins

Week of Feb 26th

Week 6		0 / 9	^
1	Word Break Medium · 30 mins	✓	
2	Partition Equal Subset Sum Medium · 30 mins	✓	
3	String to Integer (atoi) Medium · 25 mins	✓	
4	Spiral Matrix Medium · 25 mins	✓	
5	Subsets Medium · 30 mins	✓	
6	Binary Tree Right Side View Medium · 20 mins	✓	
7	Longest Palindromic Substring Medium · 25 mins	✓	
8	Unique Paths Medium · 20 mins	✓	
9	Construct Binary Tree from Preorder and Inorder Traversal Medium · 25 mins	✓	

Week of March 4th

Week 7		0 / 7	^
1	Container With Most Water Medium · 35 mins	✓	
2	Letter Combinations of a Phone Number Medium · 30 mins	✓	
3	Word Search Medium · 30 mins	✓	
4	Find All Anagrams in a String Medium · 30 mins	✓	
5	Minimum Height Trees Medium · 30 mins	✓	
6	Task Scheduler Medium · 35 mins	✓	
7	LRU Cache Medium · 30 mins	✓	

Week of March 11th

Week 8		0 / 10	^
1	Kth Smallest Element in a BST Medium · 25 mins	✓	
2	Minimum Window Substring Hard · 30 mins	✓	
3	Serialize and Deserialize Binary Tree Hard · 40 mins	✓	
4	Trapping Rain Water Hard · 35 mins	✓	
5	Find Median from Data Stream Hard · 30 mins	✓	
6	Word Ladder Hard · 45 mins	✓	
7	Basic Calculator Hard · 40 mins	✓	
8	Maximum Profit in Job Scheduling Hard · 45 mins	✓	
9	Merge k Sorted Lists Hard · 30 mins	✓	
10	Largest Rectangle in Histogram Hard · 35 mins	✓	

Plans for After these questions

- Solve any remaining Algo Expert questions
- focus on blind 150? blind 75? other lists
- redo hard questions