CSE220 SUMMER25 Resources

Repository	https://github.com/zabermd/Data-Structures-and-t	
Book Chapters	https://github.com/zabermd/Data-Structures-and-t	
Class Repository	https://github.com/isaamrat/CSE220-Data-Structu	

Topic	Link	Practice sheets
Complexity Theory	Introduction-to-Complexity-Theory.pdf	
Two dimensional Array	https://github.com/isaamrat/CSE220-Data-Structure-M	Practice sheet on
Singly Linked List	https://github.com/isaamrat/CSE220-Data-Structure-M	Practice Sheet - L

Array

Problem Title	LeetCode Link
Two Sum	Two Sum - LeetCode
Best Time to Buy	Best Time to Buy and Sell Stock - LeetCode
Remove Duplicat	Remove Duplicates from Sorted Array - LeetCode
3Sum	3Sum - LeetCode
Product of Array	Product of Array Except Self - LeetCode
Subarray Sum Eq	Subarray Sum Equals K - LeetCode
Spiral Matrix	Spiral Matrix - LeetCode
First Missing Pos	First Missing Positive - LeetCode

2D Array

Problem Title	LeetCode Link
Matrix Diagonal S	Matrix Diagonal Sum - LeetCode
Transpose Matrix	Transpose Matrix - LeetCode
Flipping an Imag	Flipping an Image - LeetCode
Set Matrix Zeroe	Set Matrix Zeroes - LeetCode
Search a 2D Mat	Search a 2D Matrix - LeetCode
Game of Life	Game of Life - LeetCode
Rotate Image	Rotate Image - LeetCode
Maximal Rectang	Maximal Rectangle - LeetCode

Linked List

Problem Title	LeetCode Link
Reverse Linked L	Reverse Linked List - LeetCode
Delete Node in a	Delete Node in a Linked List - LeetCode
Merge Two Sorte	Merge Two Sorted Lists - LeetCode
Remove Nth Nod	Remove Nth Node From End of List - LeetCode
Linked List Cycle	Linked List Cycle - LeetCode
Odd Even Linked	Odd Even Linked List - LeetCode
Partition List	Partition List - LeetCode
Merge k Sorted L	Merge k Sorted Lists - LeetCode
Design Linked Li	Design Linked List - LeetCode

Stack

Problem Title	LeetCode Link
Valid Parenthese	https://leetcode.com/problems/valid-parentheses/
Min Stack	https://leetcode.com/problems/min-stack/
Baseball Game	https://leetcode.com/problems/baseball-game/
Daily Temperatur	https://leetcode.com/problems/daily-temperatures/
Next Greater Ele	https://leetcode.com/problems/next-greater-element-ii/
Evaluate Revers	https://leetcode.com/problems/evaluate-reverse-polish-notation/

Asteroid Collision	https://leetcode.com/problems/asteroid-collision/
Largest Rectangl	https://leetcode.com/problems/largest-rectangle-in-histogram/

Queue	
Problem Title	**LeetCode Link**
Number of Recer	https://leetcode.com/problems/number-of-recent-calls/
Implement Queu	https://leetcode.com/problems/implement-queue-using-stacks/
Moving Average	https://leetcode.com/problems/moving-average-from-data-stream/
Design Circular (	https://leetcode.com/problems/design-circular-queue/
Rotting Oranges	https://leetcode.com/problems/rotting-oranges/
Walls and Gates	https://leetcode.com/problems/walls-and-gates/
Reveal Cards In	https://leetcode.com/problems/reveal-cards-in-increasing-order/
Sliding Window M	https://leetcode.com/problems/sliding-window-maximum/

Hash Table	
Problem Title	**LeetCode Link**
Two Sum	https://leetcode.com/problems/two-sum/
Valid Anagram	https://leetcode.com/problems/valid-anagram/
First Unique Cha	https://leetcode.com/problems/first-unique-character-in-a-string/
Group Anagrams	https://leetcode.com/problems/group-anagrams/
Top K Frequent E	https://leetcode.com/problems/top-k-frequent-elements/
Longest Substrin	https://leetcode.com/problems/longest-substring-without-repeating-characters/
Contiguous Array	https://leetcode.com/problems/contiguous-array/
Substring with Co	https://leetcode.com/problems/substring-with-concatenation-of-all-words/

Tentative Mark Distribution:

Assessment	Weightage
Quiz	15% (Best 3 out of 4)
Mid	25%
Lab	25%
Final	35%