STEP 7 RECURSION	Problem Statement	Youtube Link	Problem Link
Lec 1: Get a Strong Hold	Recursive Implementation of atoi()		https://leetcode.com/problems/string-to-integer-atoi/description/
	Pow(x, n)	https://www.youtube.com/watch?v=l0YC3876qxg	https://leetcode.com/problems/powx-n/description/
	Count Good numbers		https://leetcode.com/problems/count-good-numbers/description/
	Sort a stack using recursion		https://www.geeksforgeeks.org/problems/sort-a-stack/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=sort-a-stack
	Reverse a stack using recursion		https://www.geeksforgeeks.org/problems/reverse-a-stack/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=reverse-a-stack
Lec 2: Subsequences Pattern	Generate all binary strings		https://www.geeksforgeeks.org/generate-binary-strings-without-consecutive-1s/?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=generate-binary-strings-without-consecutive-1s
	Generate Paranthesis		https://leetcode.com/problems/generate-parentheses/description/
	Print all subsequences/Power Set	https://www.youtube.com/watch?v=b7AYbpM5YrE	https://leetcode.com/problems/subsets/description/
	Learn All Patterns of Subsequences (Theory)	https://www.youtube.com/watch?v=eQCS_v3bw0Q&list=PLgUwDviBIf0rGlzIn_7rsaR2FQ5e6ZOL9&index=8	https://www.geeksforgeeks.org/problems/better-string/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=better-string
	Count all subsequences with sum K		https://www.geeksforgeeks.org/problems/perfect-sum-problem5633/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=perfect-sum-problem
	Check if there exists a subsequence with sum K		https://www.naukri.com/code360/problems/subset-sum_630213?utm_source=striver&utm_medium=website&utm_campaign=a_zcoursetuf
	Combination Sum	https://www.youtube.com/watch?v=OyZFQtu9S&list=PLgUwDviBIf0p4ozDR_kJJkONnb1wdx2Ma&index=50	https://leetcode.com/problems/combination-sum/description/
	Combination Sum-II	https://www.youtube.com/watch?v=G1fRTGRxXU8&list=PLgUwDviBIf0p4ozDR_kJJkONnb1wdx2Ma&index=51	https://leetcode.com/problems/combination-sum-ii/description/
	Subset Sum-I	https://www.youtube.com/watch?v=rYkfBRtMJr8&list=PLgUwDviBIf0p4ozDR_kJJkONnb1wdx2Ma&index=53	https://www.geeksforgeeks.org/problems/subset-sums2234/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=subset-sums
	Subset Sum-II	https://www.youtube.com/watch?v=RIn3gOkbhQE&list=PLgUwDviBIf0p4ozDR_kJJkONnb1wdx2Ma&index=54	https://leetcode.com/problems/subsets-ii/description/
	Combination Sum - III		https://leetcode.com/problems/combination-sum-iii/description/
	Letter Combinations of a Phone number		https://leetcode.com/problems/letter-combinations-of-a-phone-number/description/
Lec 3: Trying out all Combos / Hard	Palindrome Partitioning	https://www.youtube.com/watch?v=WBgsABoClF0&list=PLgUwDviBIf0p4ozDR_kJJkONnb1wdx2Ma&index=52	https://leetcode.com/problems/palindrome-partitioning/description/
	Word Search		https://leetcode.com/problems/word-search/description/
	N Queen	https://www.youtube.com/watch?v=i05Ju7AflcM&list=PLgUwDviBIf0p4ozDR_kJJkONnb1wdx2Ma&index=58	https://leetcode.com/problems/n-queens/description/
	Rat in a Maze	https://www.youtube.com/watch?v=bLGZhJlt4y0&list=PLgUwDviBIf0p4ozDR_kJJkONnb1wdx2Ma&index=61	https://www.geeksforgeeks.org/problems/rat-in-a-maze-problem/1
	Word Break		https://leetcode.com/problems/word-break/description/
	M Coloring Problem	https://www.youtube.com/watch?v=wuVwUK25Rfc&list=PLgUwDviBIf0p4ozDR_kJJkONnb1wdx2Ma&index=60	https://www.geeksforgeeks.org/problems/m-coloring-problem-1587115620/1
	Sudoko Solver	https://www.youtube.com/watch?v=FWAIf_EVUKE&list=PLgUwDviBIf0p4ozDR_kJJkONnb1wdx2Ma&index=59	https://leetcode.com/problems/sudoku-solver/description/
	Expression Add Operators		https://leetcode.com/problems/expression-add-operators/description/
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STEP 8 Bit manupulation			
Lec 1: Learn Bit Manipulation	Introduction to Bit Manipulation [Theory]	https://www.youtube.com/watch?v=qOd-ViW7bfk	https://www.geeksforgeeks.org/problems/bit-manipulation-1666686020/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=bit-manipulation
	Check if the i-th bit is set or not	https://www.youtube.com/watch?v=nttpF8kwgd4	https://www.geeksforgeeks.org/problems/check-whether-k-th-bit-is-set-or-not-1587115620/1
	Check if a number is odd or not	https://www.youtube.com/watch?v=nttpF8kwgd4	https://www.geeksforgeeks.org/problems/odd-or-even3618/1
	Check if a number is power of 2 or not	https://www.youtube.com/watch?v=nttpF8kwgd4	https://leetcode.com/problems/power-of-two/description/
	Count the number of set bits	https://www.youtube.com/watch?v=nttpF8kwgd4	https://www.geeksforgeeks.org/problems/count-total-set-bits-1587115620/1
	Set/Unset the rightmost unset bit		https://www.geeksforgeeks.org/problems/set-the-rightmost-unset-bit4436/1
	Swap two numbers		https://www.geeksforgeeks.org/problems/swap-two-numbers3844/1
	Divide two integers without using multiplication, division and mod operator	https://www.youtube.com/watch?v=nttpF8kwgd4	https://leetcode.com/problems/divide-two-integers/description/
Lec 2: Interview Problems	Count number of bits to be flipped to convert A to B	https://www.youtube.com/watch?v=OOdrmcfZXd8	https://leetcode.com/problems/minimum-bit-flips-to-convert-number/description/
	Find the number that appears odd number of times	https://www.youtube.com/watch?v=sFBCAl8xBfE	https://leetcode.com/problems/single-number/
	Power Set	https://www.youtube.com/watch?v=LqKaUv1G3_I	https://leetcode.com/problems/subsets/description/
	Find xor of numbers from L to R	https://www.youtube.com/watch?v=WqGb7159h7Q	https://www.geeksforgeeks.org/problems/find-xor-of-numbers-from-l-to-r/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=find-xor-of-numbers-from-l-to-r
	Find the two numbers appearing odd number of times	https://www.youtube.com/watch?v=UA5JnV1J2sI	https://www.geeksforgeeks.org/problems/two-numbers-with-odd-occurrences5846/1
Lec 3: Advanced Maths	Print Prime Factors of a Number	https://www.youtube.com/watch?v=LT7XhVdcRvg	https://www.geeksforgeeks.org/problems/prime-factors5052/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=Prime-Factors
	All Divisors of a Number	https://www.youtube.com/watch?v=Ae_Ag_saG9s	https://www.geeksforgeeks.org/problems/all-divisors-of-a-number/1?utm_source=youtube&amp%3Butm_medium=collab_striver_ytdescription&amp%3Butm_campaign=all-divisors-of-a-number
	Sieve of Eratosthenes	https://www.youtube.com/watch?v=g5Fuxn_AvSk	https://leetcode.com/problems/count-primes/description/
	Find Prime Factorisation of a Number using Sieve	https://www.youtube.com/watch?v=glKWkmKFlMw	https://www.geeksforgeeks.org/problems/prime-factorization-using-sieve/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=prime-factorization-using-sieve
	Power(n, x)	https://www.youtube.com/watch?v=hFWckDXE-K8	https://leetcode.com/problems/powx-n/description/
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Step 9 : Stack and Queues [Learning, Pre-In-Post-fix, Monotonic Stack, Implementation]			
Lec 1: Learning	Implement Stack using Arrays	https://www.youtube.com/watch?v=tqQ5fTamIN4	https://www.geeksforgeeks.org/problems/implement-stack-using-array/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=implement-stack-using-array
	Implement Queue using Arrays	https://www.youtube.com/watch?v=tqQ5fTamIN4	https://www.geeksforgeeks.org/problems/implement-queue-using-array/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=implement-queue-using-array
	Implement Stack using Queue	https://www.youtube.com/watch?v=tqQ5fTamIN4	https://leetcode.com/problems/implement-stack-using-queues/description/
	Implement Queue using Stack		https://leetcode.com/problems/implement-queue-using-stacks/description/
	Implement stack using Linkedlist		https://www.geeksforgeeks.org/problems/implement-stack-using-linked-list/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=implement-stack-using-linked-list
	Implement queue using Linkedlist		https://www.geeksforgeeks.org/problems/implement-queue-using-linked-list/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=implement-queue-using-linked-list
	Check for balanced paranthesis	https://www.youtube.com/watch?v=xwjS0iZhw4I	https://leetcode.com/problems/valid-parentheses/description/
	Implement Min Stack	https://www.youtube.com/watch?v=NdDIaH91P0g	https://leetcode.com/problems/min-stack/description/
Lec 2: Prefix, Infix, PostFix Conversion pbs	Infix to Postfix Conversion using Stack	https://www.youtube.com/watch?v=4pIc9UBHtk	https://www.geeksforgeeks.org/problems/infix-to-postfix-1587115620/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=infix-to-postfix
	Prefix to Infix Conversion	https://www.youtube.com/watch?v=4pIc9UBHtk	https://www.geeksforgeeks.org/problems/prefix-to-infix-conversion/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=prefix-to-infix-conversion
	Prefix to Postfix Conversion	https://www.youtube.com/watch?v=4pIc9UBHtk	https://www.geeksforgeeks.org/problems/prefix-to-postfix-conversion/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=prefix-to-postfix-conversion
	Postfix to Prefix Conversion	https://www.youtube.com/watch?v=4pIc9UBHtk	https://www.geeksforgeeks.org/problems/postfix-to-prefix-conversion/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=postfix-to-prefix-conversion
	Postfix to Infix	https://www.youtube.com/watch?v=4pIc9UBHtk	https://www.geeksforgeeks.org/problems/postfix-to-infix-conversion/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=postfix-to-prefix-conversion
	Convert Infix To Prefix Notation	https://www.youtube.com/watch?v=4pIc9UBHtk	https://www.geeksforgeeks.org/problems/infix-to-postfix-1587115620/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=infix-to-postfix
Lec 3: Monotonic Stack/Queue Pro	Next Greater Element	https://www.youtube.com/watch?v=e7XQLtOQM3I	https://leetcode.com/problems/next-greater-element-i/description/
	Next Greater Element 2	https://www.youtube.com/watch?v=7PrncD7v9YQ	https://leetcode.com/problems/next-greater-element-ii/description/
	Next Smaller Element		https://www.interviewbit.com/problems/nearest-smaller-element/
	Number of NGEs to the right		https://www.geeksforgeeks.org/problems/number-of-nges-to-the-right/1?utm_source=youtube&utm_medium=collab_striver_ytdescription&utm_campaign=number-of-nges-to-the-right
	Trapping Rainwater	https://www.youtube.com/watch?v=1_5VuquLbXg	https://leetcode.com/problems/trapping-rain-water/description/
	Sum of subarray minimum	https://www.youtube.com/watch?v=v0e8p9JCgRc	https://leetcode.com/problems/sum-of-subarray-minimums/description/
	Asteroid Collision	https://www.youtube.com/watch?v=_eYGqw_VDR4	https://leetcode.com/problems/asteroid-collision/description/
	Sum of subarray ranges	https://www.youtube.com/watch?v=gIrMptNPf5M	https://leetcode.com/problems/sum-of-subarray-ranges/description/
	Remove k Digits	https://www.youtube.com/watch?v=jmbuRzYPGrg	https://leetcode.com/problems/remove-k-digits/description/
	Largest rectangle in a histogram	https://www.youtube.com/watch?v=Bzat9yaD0fs	https://leetcode.com/problems/largest-rectangle-in-histogram/
	Maximal Rectangles	https://www.youtube.com/watch?v=ttVu6G7Avik	https://leetcode.com/problems/maximal-rectangle/description/
Lec 4: Implementation Problems	Sliding Window maximum	https://www.youtube.com/watch?si=eUIPY-bcOfk5wdog&v=NwBvene4Imo&feature=youtu.be	https://leetcode.com/problems/sliding-window-maximum/description/
	Stock span problem	https://www.youtube.com/watch?v=eay-zoSRkVc	https://leetcode.com/problems/online-stock-span/description/
	The Celebrity Problem	https://www.youtube.com/watch?v=cEadsbTeze4	https://leetcode.com/problems/find-the-celebrity/description/
	LRU cache (IMPORTANT)	https://www.youtube.com/watch?v=z9bJUPxzFOw	https://leetcode.com/problems/lru-cache/description/
	LFU cache	https://www.youtube.com/watch?v=0PSB9y8ehbk&list=PLgUwDviBIf0p4ozDR_kJJkONnb1wdx2Ma&index=80	https://leetcode.com/problems/lfu-cache/description/

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Step 10 : Sliding Window & Two Pointer			
Combined Problems			
Lec 1: Medium Problems	Longest Substring Without Repeating Characters	https://www.youtube.com/watch?v=-zSxTJkcdAo	https://leetcode.com/problems/longest-substring-without-repeating-characters/description/
	Max Consecutive Ones III	https://www.youtube.com/watch?v=3E4JBHSLpYk	https://leetcode.com/problems/max-consecutive-ones-iii/
	Fruit Into Baskets	https://www.youtube.com/watch?v=e3bs0uA1NhQ	https://www.geeksforgeeks.org/problems/fruit-into-baskets-1663137462/1
	longest repeating character replacement	https://www.youtube.com/watch?v=_eNhaDCr6P0	https://leetcode.com/problems/longest-repeating-character-replacement/description/
	Binary subarray with sum	https://www.youtube.com/watch?v=XnMdNUkX6VM	https://leetcode.com/problems/binary-subarrays-with-sum/description/
	Count number of nice subarrays	https://www.youtube.com/watch?v=j_QOv9OT9Og	https://leetcode.com/problems/count-number-of-nice-subarrays/description/
	Number of substring containing all three characters	https://www.youtube.com/watch?v=xtqN4qlgr8s	https://leetcode.com/problems/number-of-substrings-containing-all-three-characters/description/
	Maximum point you can obtain from cards	https://www.youtube.com/watch?v=pBWCOCS636U	https://leetcode.com/problems/maximum-points-you-can-obtain-from-cards/
Lec 2: Hard Problems	Longest Substring with At Most K Distinct Characters	https://www.youtube.com/watch?v=teM9ZsVRQvc	https://leetcode.com/problems/longest-substring-with-at-most-k-distinct-characters/description/
	Subarray with k different integers	https://www.youtube.com/watch?v=7wYGhV_LsX4	https://leetcode.com/problems/subarrays-with-k-different-integers/description/
	Minimum Window Substring	https://www.youtube.com/watch?v=WJaij9ffOIY	https://leetcode.com/problems/minimum-window-substring/description/
	Minimum Window Subsequence		https://leetcode.com/problems/minimum-window-subsequence/description/