

#CrackYourInternship Challenge	DSA Sheet by Arsh	#CrackYourPlacement Challenge					
	Follow on Youtube : <a href="https://www.youtube.com/c/arshgoyal">https://www.youtube.com/c/arshgoyal</a>	Status	Microsoft	Adobe	Goldman Sachs	Intuit	Amazon
	Arrays						~
Easy	<a href="https://leetcode.com/problems/find-the-duplicate-number/">https://leetcode.com/problems/find-the-duplicate-number/</a>						~
Easy	<a href="https://leetcode.com/problems/sort-colors/">https://leetcode.com/problems/sort-colors/</a>						~
Easy	<a href="https://leetcode.com/problems/remove-duplicates-from-sorted-array/">https://leetcode.com/problems/remove-duplicates-from-sorted-array/</a>						
Easy	<a href="https://leetcode.com/problems/set-matrix-zeroes/">https://leetcode.com/problems/set-matrix-zeroes/</a>						
Easy	<a href="https://leetcode.com/problems/move-zeroes/">https://leetcode.com/problems/move-zeroes/</a>	~					
Easy	<a href="https://leetcode.com/problems/best-time-to-buy-and-sell-stock/">https://leetcode.com/problems/best-time-to-buy-and-sell-stock/</a>	~				~	
Easy	<a href="https://www.geeksforgeeks.org/chocolate-distribution-problem/">https://www.geeksforgeeks.org/chocolate-distribution-problem/</a>	~				~	
Easy	<a href="https://leetcode.com/problems/two-sum/">https://leetcode.com/problems/two-sum/</a>					~	
Easy	<a href="https://leetcode.com/problems/best-time-to-buy-and-sell-stock-ii/">https://leetcode.com/problems/best-time-to-buy-and-sell-stock-ii/</a>						
Medium	<a href="https://leetcode.com/problems/subarray-sums-divisible-by-k/">https://leetcode.com/problems/subarray-sums-divisible-by-k/</a>						
Medium	<a href="https://leetcode.com/problems/find-all-duplicates-in-an-array/">https://leetcode.com/problems/find-all-duplicates-in-an-array/</a>			~			
Medium	<a href="https://leetcode.com/problems/container-with-most-water/">https://leetcode.com/problems/container-with-most-water/</a>			~		~	
Medium	<a href="https://leetcode.com/problems/3sum/">https://leetcode.com/problems/3sum/</a>			~			~
Medium	<a href="https://leetcode.com/problems/4sum/">https://leetcode.com/problems/4sum/</a>						
Medium	<a href="https://leetcode.com/problems/maximum-points-you-can-obtain-from-cards/">https://leetcode.com/problems/maximum-points-you-can-obtain-from-cards/</a>						
Medium	<a href="https://leetcode.com/problems/subarray-sum-equals-k/">https://leetcode.com/problems/subarray-sum-equals-k/</a>						
Medium	<a href="https://leetcode.com/problems/spiral-matrix/">https://leetcode.com/problems/spiral-matrix/</a>						
Medium	<a href="https://leetcode.com/problems/word-search/">https://leetcode.com/problems/word-search/</a>	~					
Medium	<a href="https://leetcode.com/problems/jump-game/">https://leetcode.com/problems/jump-game/</a>					~	
Medium	<a href="https://leetcode.com/problems/merge-sorted-array/">https://leetcode.com/problems/merge-sorted-array/</a>				~		
Medium	<a href="https://leetcode.com/problems/majority-element/">https://leetcode.com/problems/majority-element/</a>				~		
Medium	<a href="https://leetcode.com/problems/reverse-pairs/">https://leetcode.com/problems/reverse-pairs/</a>				~		
Medium	<a href="https://www.geeksforgeeks.org/print-all-possible-combinations-of-r-elements-in-a-given-array-of-size-n/">https://www.geeksforgeeks.org/print-all-possible-combinations-of-r-elements-in-a-given-array-of-size-n/</a>						
Medium	<a href="https://leetcode.com/problems/game-of-life/">https://leetcode.com/problems/game-of-life/</a>						
Hard	<a href="https://leetcode.com/problems/max-value-of-equation/">https://leetcode.com/problems/max-value-of-equation/</a>						
Hard	<a href="https://leetcode.com/problems/insert-delete-getrandom-o1-duplicates-allowed/">https://leetcode.com/problems/insert-delete-getrandom-o1-duplicates-allowed/</a>						
Hard	<a href="https://leetcode.com/problems/largest-rectangle-in-histogram/">https://leetcode.com/problems/largest-rectangle-in-histogram/</a>	~					
Hard	<a href="https://leetcode.com/problems/max-value-of-equation/">https://leetcode.com/problems/max-value-of-equation/</a>						
	Strings						
Easy	<a href="https://leetcode.com/problems/valid-parentheses/">https://leetcode.com/problems/valid-parentheses/</a>						
Easy	<a href="https://www.geeksforgeeks.org/print-all-the-duplicates-in-the-input-string/">https://www.geeksforgeeks.org/print-all-the-duplicates-in-the-input-string/</a>						~
Easy	<a href="https://leetcode.com/problems/implement-strstr/">https://leetcode.com/problems/implement-strstr/</a>						
Easy	<a href="https://leetcode.com/problems/longest-common-prefix/">https://leetcode.com/problems/longest-common-prefix/</a>				~		
Easy	<a href="https://leetcode.com/problems/valid-palindrome-ii/">https://leetcode.com/problems/valid-palindrome-ii/</a>						
Medium	<a href="https://leetcode.com/problems/integer-to-roman/">https://leetcode.com/problems/integer-to-roman/</a>						~
Medium	<a href="https://leetcode.com/problems/generate-parentheses/">https://leetcode.com/problems/generate-parentheses/</a>						~
Medium	<a href="https://leetcode.com/problems/simplify-path/">https://leetcode.com/problems/simplify-path/</a>				~		~
Medium	<a href="https://practice.geeksforgeeks.org/problems/smallest-window-in-a-string-containing-all-the-characters-of-another-string-1587115621/">https://practice.geeksforgeeks.org/problems/smallest-window-in-a-string-containing-all-the-characters-of-another-string-1587115621/</a>				~		
Medium	<a href="https://leetcode.com/problems/reverse-words-in-a-string/">https://leetcode.com/problems/reverse-words-in-a-string/</a>				~		

Medium	<a href="https://www.geeksforgeeks.org/rabin-karp-algorithm-for-pattern-searching/">https://www.geeksforgeeks.org/rabin-karp-algorithm-for-pattern-searching/</a>							
Medium	<a href="https://leetcode.com/problems/group-anagrams/">https://leetcode.com/problems/group-anagrams/</a>							
Medium	<a href="https://practice.geeksforgeeks.org/problems/word-wrap1646/1">https://practice.geeksforgeeks.org/problems/word-wrap1646/1</a>							
Medium	<a href="https://leetcode.com/problems/basic-calculator-ii/">https://leetcode.com/problems/basic-calculator-ii/</a>							
Hard	<a href="https://leetcode.com/problems/valid-number/">https://leetcode.com/problems/valid-number/</a>							
Hard	<a href="https://leetcode.com/problems/integer-to-english-words/">https://leetcode.com/problems/integer-to-english-words/</a>				~			
Hard	<a href="https://leetcode.com/problems/minimum-window-substring/">https://leetcode.com/problems/minimum-window-substring/</a>				~			
Hard	<a href="https://leetcode.com/problems/text-justification/">https://leetcode.com/problems/text-justification/</a>				~			
Hard	<a href="https://www.geeksforgeeks.org/boyer-moore-algorithm-for-pattern-searching/">https://www.geeksforgeeks.org/boyer-moore-algorithm-for-pattern-searching/</a>							
Hard	<a href="https://leetcode.com/problems/distinct-subsequences/">https://leetcode.com/problems/distinct-subsequences/</a>							~
	<b>Matrix Problems</b>							~
Medium	<a href="https://www.geeksforgeeks.org/maximum-size-rectangle-binary-sub-matrix-1s/">https://www.geeksforgeeks.org/maximum-size-rectangle-binary-sub-matrix-1s/</a>							~
Medium	<a href="https://www.geeksforgeeks.org/find-number-of-islands/">https://www.geeksforgeeks.org/find-number-of-islands/</a>							
Medium	<a href="https://www.geeksforgeeks.org/given-matrix-o-x-replace-o-x-surrounded-x/">https://www.geeksforgeeks.org/given-matrix-o-x-replace-o-x-surrounded-x/</a>				~			
Medium	<a href="https://leetcode.com/problems/spiral-matrix/">https://leetcode.com/problems/spiral-matrix/</a>							
Medium	<a href="https://leetcode.com/problems/rotate-image/">https://leetcode.com/problems/rotate-image/</a>						~	
	<b>Mathematical Problems</b>							
Easy	<a href="https://leetcode.com/problems/minimum-moves-to-equal-array-elements/">https://leetcode.com/problems/minimum-moves-to-equal-array-elements/</a>							
Easy	<a href="https://leetcode.com/problems/add-binary/">https://leetcode.com/problems/add-binary/</a>	solved				~		
Easy	<a href="https://leetcode.com/problems/maximum-product-of-three-numbers/">https://leetcode.com/problems/maximum-product-of-three-numbers/</a>		~					
Easy	<a href="https://leetcode.com/problems/excel-sheet-column-title/">https://leetcode.com/problems/excel-sheet-column-title/</a>							
Easy	<a href="https://leetcode.com/problems/happy-number/">https://leetcode.com/problems/happy-number/</a>							
Easy	<a href="https://leetcode.com/problems/palindrome-number/">https://leetcode.com/problems/palindrome-number/</a>							~
Easy	<a href="https://leetcode.com/problems/missing-number/">https://leetcode.com/problems/missing-number/</a>							~
Easy	<a href="https://leetcode.com/problems/reverse-integer/">https://leetcode.com/problems/reverse-integer/</a>							~
Easy	<a href="https://leetcode.com/problems/power-of-two/">https://leetcode.com/problems/power-of-two/</a>				~			
Medium	<a href="https://leetcode.com/problems/max-points-on-a-line/">https://leetcode.com/problems/max-points-on-a-line/</a>						~	
Medium	<a href="https://leetcode.com/problems/valid-square/">https://leetcode.com/problems/valid-square/</a>						~	
Medium	<a href="https://leetcode.com/problems/the-kth-factor-of-n/">https://leetcode.com/problems/the-kth-factor-of-n/</a>					~	~	
	<b>Sorting and Searching</b>							
Easy	<a href="https://www.geeksforgeeks.org/permute-two-arrays-sum-every-pair-greater-equal-k/">https://www.geeksforgeeks.org/permute-two-arrays-sum-every-pair-greater-equal-k/</a>					~		
Easy	<a href="https://www.geeksforgeeks.org/celling-in-a-sorted-array/">https://www.geeksforgeeks.org/celling-in-a-sorted-array/</a>							
Easy	<a href="https://www.geeksforgeeks.org/find-a-pair-with-the-given-difference/">https://www.geeksforgeeks.org/find-a-pair-with-the-given-difference/</a>							
Easy	<a href="https://www.geeksforgeeks.org/permute-two-arrays-sum-every-pair-greater-equal-k/">https://www.geeksforgeeks.org/permute-two-arrays-sum-every-pair-greater-equal-k/</a>						~	
Medium	<a href="https://www.geeksforgeeks.org/check-reversing-sub-array-make-array-sorted/">https://www.geeksforgeeks.org/check-reversing-sub-array-make-array-sorted/</a>		~					
Medium	<a href="https://www.geeksforgeeks.org/radix-sort/">https://www.geeksforgeeks.org/radix-sort/</a>		~					
Medium	<a href="https://www.geeksforgeeks.org/a-product-array-puzzle/">https://www.geeksforgeeks.org/a-product-array-puzzle/</a>		~				~	
Medium	<a href="https://www.geeksforgeeks.org/make-array-elements-equal-minimum-cost/">https://www.geeksforgeeks.org/make-array-elements-equal-minimum-cost/</a>		~				~	
Medium	<a href="https://leetcode.com/problems/find-peak-element/">https://leetcode.com/problems/find-peak-element/</a>					~		
Hard	<a href="https://practice.geeksforgeeks.org/problems/allocate-minimum-number-of-pages0937/1">https://practice.geeksforgeeks.org/problems/allocate-minimum-number-of-pages0937/1</a>					~		

Hard	<a href="https://www.geeksforgeeks.org/minimum-number-swaps-required-sort-array/">https://www.geeksforgeeks.org/minimum-number-swaps-required-sort-array/</a>				~		
Hard	<a href="https://www.spoj.com/problems/AGRCOW/">https://www.spoj.com/problems/AGRCOW/</a>						
Hard	<a href="https://leetcode.com/problems/search-in-rotated-sorted-array/">https://leetcode.com/problems/search-in-rotated-sorted-array/</a>						
Hard	<a href="https://leetcode.com/problems/count-of-smaller-numbers-after-self/">https://leetcode.com/problems/count-of-smaller-numbers-after-self/</a>		~				
Hard	<a href="https://leetcode.com/problems/split-array-largest-sum/">https://leetcode.com/problems/split-array-largest-sum/</a>						
	<b>Linked List</b>						
Easy	<a href="https://leetcode.com/problems/middle-of-the-linked-list/">https://leetcode.com/problems/middle-of-the-linked-list/</a>		~			~	
Easy	<a href="https://leetcode.com/problems/linked-list-cycle/">https://leetcode.com/problems/linked-list-cycle/</a>		~				
Easy	<a href="https://leetcode.com/problems/convert-binary-number-in-a-linked-list-to-integer/">https://leetcode.com/problems/convert-binary-number-in-a-linked-list-to-integer/</a>		~		~		
Easy	<a href="https://leetcode.com/problems/remove-duplicates-from-sorted-list/">https://leetcode.com/problems/remove-duplicates-from-sorted-list/</a>				~		
Easy	<a href="https://www.geeksforgeeks.org/sort-a-linked-list-of-0s-1s-or-2s/">https://www.geeksforgeeks.org/sort-a-linked-list-of-0s-1s-or-2s/</a>				~		
Easy	<a href="https://leetcode.com/problems/remove-linked-list-elements/">https://leetcode.com/problems/remove-linked-list-elements/</a>				~		
Easy	<a href="https://leetcode.com/problems/merge-two-sorted-lists/">https://leetcode.com/problems/merge-two-sorted-lists/</a>		~		~		~
Easy	<a href="https://www.geeksforgeeks.org/multiply-two-numbers-represented-linked-lists/">https://www.geeksforgeeks.org/multiply-two-numbers-represented-linked-lists/</a>		~				
Easy	<a href="https://leetcode.com/problems/intersection-of-two-linked-lists/">https://leetcode.com/problems/intersection-of-two-linked-lists/</a>						
Easy	<a href="https://www.geeksforgeeks.org/given-only-a-pointer-to-a-node-to-be-deleted-in-a-singly-linked-list-how-do-you-delete-it/">https://www.geeksforgeeks.org/given-only-a-pointer-to-a-node-to-be-deleted-in-a-singly-linked-list-how-do-you-delete-it/</a>				~		
Easy	<a href="https://leetcode.com/problems/palindrome-linked-list/">https://leetcode.com/problems/palindrome-linked-list/</a>				~		
Easy	<a href="https://leetcode.com/problems/reverse-linked-list/">https://leetcode.com/problems/reverse-linked-list/</a>				~		
Medium	<a href="https://leetcode.com/problems/add-two-numbers/">https://leetcode.com/problems/add-two-numbers/</a>					~	
Medium	<a href="https://leetcode.com/problems/copy-list-with-random-pointer/">https://leetcode.com/problems/copy-list-with-random-pointer/</a>					~	
Medium	<a href="https://leetcode.com/problems/add-two-numbers-ii/">https://leetcode.com/problems/add-two-numbers-ii/</a>		~				
Medium	<a href="https://leetcode.com/problems/reverse-linked-list-ii/">https://leetcode.com/problems/reverse-linked-list-ii/</a>						
Medium	<a href="https://leetcode.com/problems/reorder-list/">https://leetcode.com/problems/reorder-list/</a>						
Medium	<a href="https://leetcode.com/problems/remove-nth-node-from-end-of-list/">https://leetcode.com/problems/remove-nth-node-from-end-of-list/</a>						~
Medium	<a href="https://leetcode.com/problems/flatten-a-multilevel-doubly-linked-list/">https://leetcode.com/problems/flatten-a-multilevel-doubly-linked-list/</a>						~
Medium	<a href="https://leetcode.com/problems/partition-list/">https://leetcode.com/problems/partition-list/</a>						~
Medium	<a href="https://leetcode.com/problems/remove-duplicates-from-sorted-list-ii/">https://leetcode.com/problems/remove-duplicates-from-sorted-list-ii/</a>				~		
Medium	<a href="https://www.geeksforgeeks.org/linked-list-in-zig-zag-fashion/">https://www.geeksforgeeks.org/linked-list-in-zig-zag-fashion/</a>				~		
Medium	<a href="https://leetcode.com/problems/sort-list/">https://leetcode.com/problems/sort-list/</a>				~		
Medium	<a href="https://www.geeksforgeeks.org/segregate-even-and-odd-elements-in-a-linked-list/">https://www.geeksforgeeks.org/segregate-even-and-odd-elements-in-a-linked-list/</a>						
Medium	<a href="https://www.geeksforgeeks.org/rearrange-a-given-linked-list-in-place/">https://www.geeksforgeeks.org/rearrange-a-given-linked-list-in-place/</a>				~		
Hard	<a href="https://leetcode.com/problems/merge-k-sorted-lists/">https://leetcode.com/problems/merge-k-sorted-lists/</a>						
Hard	<a href="https://leetcode.com/problems/reverse-nodes-in-k-group/">https://leetcode.com/problems/reverse-nodes-in-k-group/</a>					~	
Hard	<a href="https://www.geeksforgeeks.org/merge-sort-for-linked-list/">https://www.geeksforgeeks.org/merge-sort-for-linked-list/</a>						~
Hard	<a href="https://www.geeksforgeeks.org/flattening-a-linked-list/">https://www.geeksforgeeks.org/flattening-a-linked-list/</a>						~
Hard	<a href="https://www.geeksforgeeks.org/subtract-two-numbers-represented-as-linked-lists/">https://www.geeksforgeeks.org/subtract-two-numbers-represented-as-linked-lists/</a>		~		~		~
			~				
			~				
	<b>Stacks and Queues</b>						
Easy	<a href="https://leetcode.com/problems/implement-queue-using-stacks/">https://leetcode.com/problems/implement-queue-using-stacks/</a>				~		
Easy	<a href="https://leetcode.com/problems/backspace-string-compare/">https://leetcode.com/problems/backspace-string-compare/</a>				~		~
Easy	<a href="https://leetcode.com/problems/implement-stack-using-queues/">https://leetcode.com/problems/implement-stack-using-queues/</a>						~

Easy	<a href="https://www.geeksforgeeks.org/implement-stack-queue-using-deque/">https://www.geeksforgeeks.org/implement-stack-queue-using-deque/</a>				~		~
Easy	<a href="https://leetcode.com/problems/next-greater-element-ii/">https://leetcode.com/problems/next-greater-element-ii/</a>			~	~		
Easy	<a href="https://www.geeksforgeeks.org/stack-set-4-evaluation-postfix-expression/">https://www.geeksforgeeks.org/stack-set-4-evaluation-postfix-expression/</a>			~	~		
Easy	<a href="https://www.geeksforgeeks.org/implement-two-stacks-in-an-array/">https://www.geeksforgeeks.org/implement-two-stacks-in-an-array/</a>			~			
Medium	<a href="https://leetcode.com/problems/minimum-cost-tree-from-leaf-values/">https://leetcode.com/problems/minimum-cost-tree-from-leaf-values/</a>						
Medium	<a href="https://leetcode.com/problems/daily-temperatures/">https://leetcode.com/problems/daily-temperatures/</a>						
Medium	<a href="https://practice.geeksforgeeks.org/problems/distance-of-nearest-cell-having-1-1587115620/1">https://practice.geeksforgeeks.org/problems/distance-of-nearest-cell-having-1-1587115620/1</a>						
Medium	<a href="https://leetcode.com/problems/online-stock-span/">https://leetcode.com/problems/online-stock-span/</a>						~
Medium	<a href="https://practice.geeksforgeeks.org/problems/rotten-oranges2536/1">https://practice.geeksforgeeks.org/problems/rotten-oranges2536/1</a>				~		~
Medium	<a href="https://leetcode.com/problems/sum-of-subarray-minimums/">https://leetcode.com/problems/sum-of-subarray-minimums/</a>				~		~
Medium	<a href="https://leetcode.com/problems/evaluate-reverse-polish-notation/">https://leetcode.com/problems/evaluate-reverse-polish-notation/</a>				~		
Medium	<a href="https://practice.geeksforgeeks.org/problems/circular-four/1">https://practice.geeksforgeeks.org/problems/circular-four/1</a>						
Medium	<a href="https://leetcode.com/problems/remove-all-adjacent-duplicates-in-string-ii/">https://leetcode.com/problems/remove-all-adjacent-duplicates-in-string-ii/</a>						
Medium	<a href="https://leetcode.com/problems/flatten-nested-list-iterator/">https://leetcode.com/problems/flatten-nested-list-iterator/</a>		~				
Hard	<a href="https://www.geeksforgeeks.org/find-the-maximum-of-minimums-for-every-window-size-in-a-given-array/">https://www.geeksforgeeks.org/find-the-maximum-of-minimums-for-every-window-size-in-a-given-array/</a>		~				
Hard	<a href="https://www.geeksforgeeks.org/ru-cache-implementation/">https://www.geeksforgeeks.org/ru-cache-implementation/</a>		~				
Hard	<a href="http://geeksforgeeks.org/the-celebrity-problem/">http://geeksforgeeks.org/the-celebrity-problem/</a>						
	<b>Trees</b>						
Easy	<a href="https://leetcode.com/problems/diameter-of-binary-tree/">https://leetcode.com/problems/diameter-of-binary-tree/</a>						~
Easy	<a href="https://leetcode.com/problems/invert-binary-tree/">https://leetcode.com/problems/invert-binary-tree/</a>						
Easy	<a href="https://leetcode.com/problems/subtree-of-another-tree/">https://leetcode.com/problems/subtree-of-another-tree/</a>						~
Easy	<a href="https://leetcode.com/problems/range-sum-of-bst/">https://leetcode.com/problems/range-sum-of-bst/</a>						
Easy	<a href="https://leetcode.com/problems/symmetric-tree/">https://leetcode.com/problems/symmetric-tree/</a>						
Easy	<a href="https://leetcode.com/problems/convert-sorted-array-to-binary-search-tree/">https://leetcode.com/problems/convert-sorted-array-to-binary-search-tree/</a>		~				
Easy	<a href="https://leetcode.com/problems/merge-two-binary-trees/">https://leetcode.com/problems/merge-two-binary-trees/</a>		~				
Easy	<a href="https://leetcode.com/problems/maximum-depth-of-binary-tree/">https://leetcode.com/problems/maximum-depth-of-binary-tree/</a>		~				
Easy	<a href="https://leetcode.com/problems/binary-tree-paths/">https://leetcode.com/problems/binary-tree-paths/</a>				~		
Easy	<a href="https://leetcode.com/problems/same-tree/">https://leetcode.com/problems/same-tree/</a>				~		
Easy	<a href="https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-search-tree/">https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-search-tree/</a>				~		
Easy	<a href="https://leetcode.com/problems/path-sum/">https://leetcode.com/problems/path-sum/</a>						
Easy	<a href="https://leetcode.com/problems/minimum-absolute-difference-in-bst/">https://leetcode.com/problems/minimum-absolute-difference-in-bst/</a>						
Easy	<a href="https://leetcode.com/problems/sum-of-left-leaves/">https://leetcode.com/problems/sum-of-left-leaves/</a>						
Easy	<a href="https://leetcode.com/problems/balanced-binary-tree/">https://leetcode.com/problems/balanced-binary-tree/</a>						
Easy	<a href="https://practice.geeksforgeeks.org/problems/predecessor-and-successor/1">https://practice.geeksforgeeks.org/problems/predecessor-and-successor/1</a>						
Easy	<a href="https://leetcode.com/problems/binary-tree-inorder-traversal/">https://leetcode.com/problems/binary-tree-inorder-traversal/</a>						
Easy	<a href="https://practice.geeksforgeeks.org/problems/check-whether-bst-contains-dead-end/1">https://practice.geeksforgeeks.org/problems/check-whether-bst-contains-dead-end/1</a>						
Medium	<a href="https://leetcode.com/problems/binary-search-tree-iterator/">https://leetcode.com/problems/binary-search-tree-iterator/</a>						
Medium	<a href="https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-tree/">https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-tree/</a>		~				
Medium	<a href="https://leetcode.com/problems/unique-binary-search-trees-ii/">https://leetcode.com/problems/unique-binary-search-trees-ii/</a>		~				
Medium	<a href="https://leetcode.com/problems/all-nodes-distance-k-in-binary-tree/">https://leetcode.com/problems/all-nodes-distance-k-in-binary-tree/</a>		~				
Medium	<a href="https://leetcode.com/problems/validate-binary-search-tree/">https://leetcode.com/problems/validate-binary-search-tree/</a>						
Medium	<a href="https://leetcode.com/problems/binary-tree-right-side-view/">https://leetcode.com/problems/binary-tree-right-side-view/</a>						
Medium	<a href="https://leetcode.com/problems/redundant-connection/">https://leetcode.com/problems/redundant-connection/</a>						

Medium	<a href="https://leetcode.com/problems/binary-tree-level-order-traversal/">https://leetcode.com/problems/binary-tree-level-order-traversal/</a>					~		
Medium	<a href="https://leetcode.com/problems/path-sum-iii/">https://leetcode.com/problems/path-sum-iii/</a>		~			~		
Medium	<a href="https://leetcode.com/problems/construct-binary-tree-from-preorder-and-postorder-traversal/">https://leetcode.com/problems/construct-binary-tree-from-preorder-and-postorder-traversal/</a>					~		
Medium	<a href="https://leetcode.com/problems/unique-binary-search-trees/">https://leetcode.com/problems/unique-binary-search-trees/</a>		~					
Medium	<a href="https://leetcode.com/problems/recover-binary-search-tree/">https://leetcode.com/problems/recover-binary-search-tree/</a>							
Medium	<a href="https://leetcode.com/problems/populating-next-right-pointers-in-each-node/">https://leetcode.com/problems/populating-next-right-pointers-in-each-node/</a>							
Medium	<a href="https://leetcode.com/problems/flatten-binary-tree-to-linked-list/">https://leetcode.com/problems/flatten-binary-tree-to-linked-list/</a>							
Medium	<a href="https://leetcode.com/problems/maximum-width-of-binary-tree/">https://leetcode.com/problems/maximum-width-of-binary-tree/</a>					~		
Medium	<a href="https://practice.geeksforgeeks.org/problems/min-distance-between-two-given-nodes-of-a-binary-tree/1">https://practice.geeksforgeeks.org/problems/min-distance-between-two-given-nodes-of-a-binary-tree/1</a>						~	
Medium	<a href="https://leetcode.com/problems/kth-smallest-element-in-a-bst/">https://leetcode.com/problems/kth-smallest-element-in-a-bst/</a>						~	
Medium	<a href="https://leetcode.com/problems/binary-tree-zigzag-level-order-traversal/">https://leetcode.com/problems/binary-tree-zigzag-level-order-traversal/</a>					~		
Medium	<a href="https://practice.geeksforgeeks.org/problems/count-bst-nodes-that-lie-in-a-given-range/1">https://practice.geeksforgeeks.org/problems/count-bst-nodes-that-lie-in-a-given-range/1</a>							
Medium	<a href="https://practice.geeksforgeeks.org/problems/preorder-to-postorder4423/1">https://practice.geeksforgeeks.org/problems/preorder-to-postorder4423/1</a>		~					
Hard	<a href="https://practice.geeksforgeeks.org/problems/binary-tree-to-dll/1">https://practice.geeksforgeeks.org/problems/binary-tree-to-dll/1</a>							
Hard	<a href="https://leetcode.com/problems/binary-tree-maximum-path-sum/">https://leetcode.com/problems/binary-tree-maximum-path-sum/</a>							
Hard	<a href="https://leetcode.com/problems/sum-of-distances-in-tree/">https://leetcode.com/problems/sum-of-distances-in-tree/</a>		~					
Hard	<a href="https://leetcode.com/problems/binary-tree-cameras/">https://leetcode.com/problems/binary-tree-cameras/</a>						~	
Hard	<a href="https://leetcode.com/problems/vertical-order-traversal-of-a-binary-tree/">https://leetcode.com/problems/vertical-order-traversal-of-a-binary-tree/</a>		~				~	~
Hard	<a href="https://www.geeksforgeeks.org/print-k-sum-paths-binary-tree/">https://www.geeksforgeeks.org/print-k-sum-paths-binary-tree/</a>							
Hard	<a href="https://leetcode.com/problems/serialize-and-deserialize-binary-tree/">https://leetcode.com/problems/serialize-and-deserialize-binary-tree/</a>							
Hard	<a href="https://www.geeksforgeeks.org/find-median-bst-time-o1-space/">https://www.geeksforgeeks.org/find-median-bst-time-o1-space/</a>						~	
Hard	<a href="https://www.geeksforgeeks.org/largest-bst-binary-tree-set-2/">https://www.geeksforgeeks.org/largest-bst-binary-tree-set-2/</a>						~	
Hard	<a href="https://www.geeksforgeeks.org/construct-bst-from-given-preorder-traversal/">https://www.geeksforgeeks.org/construct-bst-from-given-preorder-traversal/</a>							
GRAPHS								
Easy	<a href="https://practice.geeksforgeeks.org/problems/bfs-traversal-of-graph/1">https://practice.geeksforgeeks.org/problems/bfs-traversal-of-graph/1</a>							
Easy	<a href="https://www.geeksforgeeks.org/depth-first-search-or-dfs-for-a-graph/">https://www.geeksforgeeks.org/depth-first-search-or-dfs-for-a-graph/</a>						~	
Easy	<a href="https://leetcode.com/problems/number-of-islands/">https://leetcode.com/problems/number-of-islands/</a>					~		
Easy	<a href="https://leetcode.com/problems/flood-fill/">https://leetcode.com/problems/flood-fill/</a>					~		
Easy	<a href="https://practice.geeksforgeeks.org/problems/rat-in-a-maze-problem/1">https://practice.geeksforgeeks.org/problems/rat-in-a-maze-problem/1</a>							
Easy	<a href="https://practice.geeksforgeeks.org/problems/detect-cycle-in-an-undirected-graph/1">https://practice.geeksforgeeks.org/problems/detect-cycle-in-an-undirected-graph/1</a>						~	~
Easy	<a href="https://www.geeksforgeeks.org/detect-cycle-in-a-graph/">https://www.geeksforgeeks.org/detect-cycle-in-a-graph/</a>		~					
Medium	<a href="https://practice.geeksforgeeks.org/problems/steps-by-knight5927/1">https://practice.geeksforgeeks.org/problems/steps-by-knight5927/1</a>							
Medium	<a href="https://leetcode.com/problems/decode-string/">https://leetcode.com/problems/decode-string/</a>							~
Medium	<a href="https://leetcode.com/problems/shortest-bridge/">https://leetcode.com/problems/shortest-bridge/</a>					~		~
Medium	<a href="https://leetcode.com/problems/number-of-operations-to-make-network-connected/">https://leetcode.com/problems/number-of-operations-to-make-network-connected/</a>					~		
Medium	<a href="https://leetcode.com/problems/find-eventual-safe-states/">https://leetcode.com/problems/find-eventual-safe-states/</a>							
Medium	<a href="https://practice.geeksforgeeks.org/problems/strongly-connected-components-kosarajus-algo/1">https://practice.geeksforgeeks.org/problems/strongly-connected-components-kosarajus-algo/1</a>						~	
Medium	<a href="https://leetcode.com/problems/time-needed-to-inform-all-employees/">https://leetcode.com/problems/time-needed-to-inform-all-employees/</a>		~					
Medium	<a href="https://www.geeksforgeeks.org/graph-coloring-applications/#:-text=Graph%20coloring%20problem%20is%20to%20are%20colored%20using%20same%20color,">https://www.geeksforgeeks.org/graph-coloring-applications/#:-text=Graph%20coloring%20problem%20is%20to%20are%20colored%20using%20same%20color,</a>							
Medium	<a href="https://leetcode.com/problems/most-stones-removed-with-same-row-or-column/">https://leetcode.com/problems/most-stones-removed-with-same-row-or-column/</a>							
Medium	<a href="https://leetcode.com/problems/as-far-from-land-as-possible/">https://leetcode.com/problems/as-far-from-land-as-possible/</a>							
Medium	<a href="https://leetcode.com/problems/find-the-city-with-the-smallest-number-of-neighbors-at-a-threshold-distance/">https://leetcode.com/problems/find-the-city-with-the-smallest-number-of-neighbors-at-a-threshold-distance/</a>						~	
Medium	<a href="https://www.geeksforgeeks.org/find-whether-it-is-possible-to-finish-all-tasks-or-not-from-given-dependencies/">https://www.geeksforgeeks.org/find-whether-it-is-possible-to-finish-all-tasks-or-not-from-given-dependencies/</a>					~		
Medium	<a href="https://www.geeksforgeeks.org/prims-minimum-spanning-tree-mst-greedy-algo-5/">https://www.geeksforgeeks.org/prims-minimum-spanning-tree-mst-greedy-algo-5/</a>		~			~		

Medium	<a href="https://practice.geeksforgeeks.org/problems/implementing-floyd-warshall2042/1">https://practice.geeksforgeeks.org/problems/implementing-floyd-warshall2042/1</a>		~				
Medium	<a href="https://leetcode.com/problems/evaluate-division/">https://leetcode.com/problems/evaluate-division/</a>				~		
Medium	<a href="https://leetcode.com/problems/snakes-and-ladders/">https://leetcode.com/problems/snakes-and-ladders/</a>						~
Medium	<a href="https://practice.geeksforgeeks.org/problems/topological-sort/1">https://practice.geeksforgeeks.org/problems/topological-sort/1</a>			~			
Medium	<a href="https://leetcode.com/problems/cheapest-flights-within-k-stops/description/">https://leetcode.com/problems/cheapest-flights-within-k-stops/description/</a>			~			
Medium	<a href="https://www.geeksforgeeks.org/detect-negative-cycle-graph-bellman-ford/">https://www.geeksforgeeks.org/detect-negative-cycle-graph-bellman-ford/</a>				~		
Medium	<a href="https://www.geeksforgeeks.org/bipartite-graph/">https://www.geeksforgeeks.org/bipartite-graph/</a>		~				
Hard	<a href="https://leetcode.com/problems/longest-increasing-path-in-a-matrix/">https://leetcode.com/problems/longest-increasing-path-in-a-matrix/</a>		~				
Hard	<a href="https://leetcode.com/problems/making-a-large-island/">https://leetcode.com/problems/making-a-large-island/</a>		~				
Hard	<a href="https://leetcode.com/problems/remove-boxes/">https://leetcode.com/problems/remove-boxes/</a>		~				
Hard	<a href="https://leetcode.com/problems/critical-connections-in-a-network/">https://leetcode.com/problems/critical-connections-in-a-network/</a>						
Hard	<a href="https://practice.geeksforgeeks.org/problems/allen-dictionary/1">https://practice.geeksforgeeks.org/problems/allen-dictionary/1</a>						~
Hard	<a href="https://www.geeksforgeeks.org/water-jug-problem-using-bfs/">https://www.geeksforgeeks.org/water-jug-problem-using-bfs/</a>				~		
Hard	<a href="https://www.geeksforgeeks.org/travelling-salesman-problem-set-1/">https://www.geeksforgeeks.org/travelling-salesman-problem-set-1/</a>			~			
Hard	<a href="https://www.geeksforgeeks.org/total-number-spanning-trees-graph/">https://www.geeksforgeeks.org/total-number-spanning-trees-graph/</a>			~			
Hard	<a href="https://leetcode.com/problems/word-ladder/">https://leetcode.com/problems/word-ladder/</a>				~		
Hard	<a href="https://www.geeksforgeeks.org/minimize-cash-flow-among-given-set-friends-borrowed-money/">https://www.geeksforgeeks.org/minimize-cash-flow-among-given-set-friends-borrowed-money/</a>				~		
			~				
	Tries						
Medium	<a href="https://leetcode.com/problems/design-add-and-search-words-data-structure/">https://leetcode.com/problems/design-add-and-search-words-data-structure/</a>			~			
Medium	<a href="https://www.geeksforgeeks.org/word-break-problem-trie-solution/">https://www.geeksforgeeks.org/word-break-problem-trie-solution/</a>			~			~
Medium	<a href="https://www.geeksforgeeks.org/trie-insert-and-search/">https://www.geeksforgeeks.org/trie-insert-and-search/</a>				~		
Medium	<a href="https://practice.geeksforgeeks.org/problems/k-anagrams-1/0">https://practice.geeksforgeeks.org/problems/k-anagrams-1/0</a>						
Hard	<a href="https://leetcode.com/problems/palindrome-pairs/">https://leetcode.com/problems/palindrome-pairs/</a>			~			
Hard	<a href="https://practice.geeksforgeeks.org/problems/phone-directory/0">https://practice.geeksforgeeks.org/problems/phone-directory/0</a>						~
	Heaps / PQs						
Easy/Medium	<a href="https://leetcode.com/problems/top-k-frequent-elements/">https://leetcode.com/problems/top-k-frequent-elements/</a>						
Easy/Medium	<a href="https://leetcode.com/problems/kth-largest-element-in-an-array/">https://leetcode.com/problems/kth-largest-element-in-an-array/</a>				~		
Easy/Medium	<a href="https://leetcode.com/problems/ugly-number-ii/">https://leetcode.com/problems/ugly-number-ii/</a>				~		
Easy/Medium	<a href="https://leetcode.com/problems/furthest-building-you-can-reach/">https://leetcode.com/problems/furthest-building-you-can-reach/</a>						~
Easy/Medium	<a href="https://leetcode.com/problems/kth-smallest-element-in-a-sorted-matrix/">https://leetcode.com/problems/kth-smallest-element-in-a-sorted-matrix/</a>						
Easy/Medium	<a href="https://leetcode.com/problems/reorganize-string/">https://leetcode.com/problems/reorganize-string/</a>			~	~		
Easy/Medium	<a href="https://leetcode.com/problems/find-the-most-competitive-subsequence/">https://leetcode.com/problems/find-the-most-competitive-subsequence/</a>						
Easy/Medium	<a href="https://practice.geeksforgeeks.org/problems/smallest-positive-missing-number-1587115621/1/">https://practice.geeksforgeeks.org/problems/smallest-positive-missing-number-1587115621/1/</a>		~				~
Easy/Medium	<a href="https://practice.geeksforgeeks.org/problems/largest-subarray-with-0-sum/1/">https://practice.geeksforgeeks.org/problems/largest-subarray-with-0-sum/1/</a>		~		~		
Easy/Medium	<a href="https://leetcode.com/problems/k-closest-points-to-origin/">https://leetcode.com/problems/k-closest-points-to-origin/</a>						
Hard	<a href="https://leetcode.com/problems/minimum-number-of-refueling-stops/">https://leetcode.com/problems/minimum-number-of-refueling-stops/</a>						
Hard	<a href="https://leetcode.com/problems/minimum-cost-to-hire-k-workers/">https://leetcode.com/problems/minimum-cost-to-hire-k-workers/</a>		~	~			
Hard	<a href="https://leetcode.com/problems/swim-in-rising-water/">https://leetcode.com/problems/swim-in-rising-water/</a>				~	~	
Hard	<a href="https://leetcode.com/problems/sliding-window-maximum/">https://leetcode.com/problems/sliding-window-maximum/</a>				~	~	~
	Dynamic Programming						
Easy	<a href="https://leetcode.com/problems/climbing-stairs">https://leetcode.com/problems/climbing-stairs</a>						



Easy/Medium	<a href="https://leetcode.com/problems/minimum-deletion-cost-to-avoid-repeating-letters/">https://leetcode.com/problems/minimum-deletion-cost-to-avoid-repeating-letters/</a>		~		~		
Easy/Medium	<a href="https://www.geeksforgeeks.org/minimum-sum-two-numbers-formed-digits-array-2/">https://www.geeksforgeeks.org/minimum-sum-two-numbers-formed-digits-array-2/</a>		~			~	~
	<b>Backtracking</b>						
Medium	<a href="https://leetcode.com/problems/combination-sum-ii/">https://leetcode.com/problems/combination-sum-ii/</a>						
Medium	<a href="https://practice.geeksforgeeks.org/problems/subset-sum-problem2014/1">https://practice.geeksforgeeks.org/problems/subset-sum-problem2014/1</a>				~		~
Medium	<a href="https://leetcode.com/problems/combinations/">https://leetcode.com/problems/combinations/</a>			~			
Medium	<a href="https://leetcode.com/problems/subsets-ii/">https://leetcode.com/problems/subsets-ii/</a>						
Medium	<a href="https://practice.geeksforgeeks.org/problems/m-coloring-problem-1587115620/1">https://practice.geeksforgeeks.org/problems/m-coloring-problem-1587115620/1</a>					~	
Medium	<a href="https://leetcode.com/problems/beautiful-arrangement/">https://leetcode.com/problems/beautiful-arrangement/</a>						
Medium	<a href="https://leetcode.com/problems/palindrome-partitioning/">https://leetcode.com/problems/palindrome-partitioning/</a>			~			
Medium	<a href="https://leetcode.com/problems/permutations-ii/">https://leetcode.com/problems/permutations-ii/</a>						~
Hard	<a href="https://leetcode.com/problems/word-search-ii/">https://leetcode.com/problems/word-search-ii/</a>						
Hard	<a href="https://leetcode.com/problems/sudoku-solver/">https://leetcode.com/problems/sudoku-solver/</a>			~	~		
Hard	<a href="https://leetcode.com/problems/n-queens/">https://leetcode.com/problems/n-queens/</a>			~			
Hard	<a href="https://leetcode.com/problems/unique-paths-iii/">https://leetcode.com/problems/unique-paths-iii/</a>		~				~
Hard	<a href="https://www.geeksforgeeks.org/find-maximum-number-possible-by-doing-at-most-k-swaps/">https://www.geeksforgeeks.org/find-maximum-number-possible-by-doing-at-most-k-swaps/</a>						
Hard	<a href="https://www.geeksforgeeks.org/partition-set-k-subsets-equal-sum/">https://www.geeksforgeeks.org/partition-set-k-subsets-equal-sum/</a>						
Hard	<a href="https://www.geeksforgeeks.org/tug-of-war/">https://www.geeksforgeeks.org/tug-of-war/</a>					~	
Hard	<a href="https://www.geeksforgeeks.org/find-paths-from-corner-cell-to-middle-cell-in-maze/">https://www.geeksforgeeks.org/find-paths-from-corner-cell-to-middle-cell-in-maze/</a>		~		~		
Hard	<a href="https://www.geeksforgeeks.org/solving-cryptarithmic-puzzles-backtracking-8/">https://www.geeksforgeeks.org/solving-cryptarithmic-puzzles-backtracking-8/</a>						
Hard	<a href="https://www.geeksforgeeks.org/print-palindromic-partitions-string/">https://www.geeksforgeeks.org/print-palindromic-partitions-string/</a>						~
	<b>Segment Tree</b>				~	~	
Medium/Hard	<a href="https://leetcode.com/problems/range-sum-query-immutable/">https://leetcode.com/problems/range-sum-query-immutable/</a>						
Medium/Hard	<a href="https://leetcode.com/problems/range-sum-query-mutable/">https://leetcode.com/problems/range-sum-query-mutable/</a>						
Medium/Hard	<a href="https://leetcode.com/problems/count-of-smaller-numbers-after-self/">https://leetcode.com/problems/count-of-smaller-numbers-after-self/</a>			~			~
Medium/Hard	<a href="https://leetcode.com/problems/count-of-range-sum/">https://leetcode.com/problems/count-of-range-sum/</a>						