

	DSA Sheet by FRAZ (https://www.youtube.com/c/FrazMohammad)								
	CHECKOUT MY DSA Channel (https://www.youtube.com/c/LeadCodingbyFRAZ)								
	HOW TO FOLLOW THIS SHEET https://youtu.be/NXQi_g1pVqI								
	JOIN TELEGRAM CHANNEL FOR UPDATES https://t.me/LeadCoding								
	Arrays								
	EASY								
	https://leetcode.com/problems/two-sum/	https://www.youtube.com/watch?v=o2WOhGSfx_8							
	https://leetcode.com/problems/best-time-to-buy-and-sell-stock/	https://www.youtube.com/watch?v=XIWYkOHE1SE							
	https://leetcode.com/problems/plus-one/	https://www.youtube.com/watch?v=FyzWXISMNol							
	https://leetcode.com/problems/move-zeroes/	https://www.youtube.com/watch?v=mgzcjQ1x9Mw							
	https://leetcode.com/problems/best-time-to-buy-and-sell-stock-ii/	https://www.youtube.com/watch?v=3gtcRtvDCpA							
	https://leetcode.com/problems/running-sum-of-1d-array/	https://leetcode.com/problems/running-sum-of-1d-array/discuss/686261/JavaC%2B%2BPython-Array-Time-O(N)-Space-O(1)							
	https://leetcode.com/problems/find-pivot-index/	https://leetcode.com/problems/find-pivot-index/discuss/411318/Java%3A-beats100-1ms-easy-understanding-solution							
	https://leetcode.com/problems/majority-element/	https://www.youtube.com/watch?v=PqU48t80rn8							
	https://leetcode.com/problems/fibonacci-number/	https://www.youtube.com/watch?v=MyFe2W2nIEE&list=PLKZaSt2df1gxtem7J8QqY8m2bHliz8mPt							
	https://leetcode.com/problems/squares-of-a-sorted-array/	https://leetcode.com/problems/squares-of-a-sorted-array/discuss/495394/C%2B%2B%3A-Simplest-one-pass-two-pointers							
	https://leetcode.com/problems/pascals-triangle/	https://leetcode.com/problems/pascals-triangle/discuss/38125/Solution-in-Java							
	https://leetcode.com/problems/remove-duplicates-from-sorted-array/	https://leetcode.com/problems/remove-duplicates-from-sorted-array/discuss/11782/Share-my-clean-C%2B%2B-code							
	MEDIUM								
	https://leetcode.com/problems/merge-intervals/	https://leetcode.com/problems/merge-intervals/discuss/21222/A-simple-Java-solution							
	https://leetcode.com/problems/3sum/	https://www.youtube.com/watch?v=TeegitfMEhTY							
	https://leetcode.com/problems/product-of-array-except-self/	https://www.youtube.com/watch?v=3X9-gs1Lwe4							
	https://leetcode.com/problems/insert-delete-getrandom-o1/	(Check the comment section of this post) https://leetcode.com/problems/insert-delete-getrandom-o1/discuss/85422/AC-C%2B%2B-Solution.-Unordered_map-%2B-Vector							
	https://leetcode.com/problems/subarray-sum-equals-k/	https://leetcode.com/problems/subarray-sum-equals-k/discuss/301242/General-summary-of-what-kind-of-problem-can-not-solved-by-Two-Pointers							
	https://leetcode.com/problems/next-permutation/								
	https://leetcode.com/problems/spiral-matrix/								
	https://leetcode.com/problems/container-with-most-water/								
	https://leetcode.com/problems/rotate-image/								
	https://leetcode.com/problems/word-search/								
	https://leetcode.com/problems/3sum-closest/								
	https://leetcode.com/problems/game-of-life/								
	https://leetcode.com/problems/pairs-of-songs-with-total-durations-divisible-by-60/								
	https://leetcode.com/problems/4sum/	https://www.youtube.com/watch?v=UG1C-otvF2U							
	https://leetcode.com/problems/find-the-duplicate-number/								
	https://leetcode.com/problems/combination-sum/	https://www.youtube.com/watch?v=EAHwSS8HN0							
	https://leetcode.com/problems/jump-game-ii/	https://www.youtube.com/watch?v=1DKVU23sOA							
	https://leetcode.com/problems/maximum-points-you-can-obtain-from-cards/								
	https://leetcode.com/problems/maximum-area-of-a-piece-of-cake-after-horizontal-and-vertical-cuts/								
	https://leetcode.com/problems/max-area-of-island/								
	https://leetcode.com/problems/find-all-duplicates-in-an-array/								
	https://leetcode.com/problems/k-diff-pairs-in-an-array/								
	https://leetcode.com/problems/subsets/	https://www.youtube.com/watch?v=6BPurabdA14							
	https://leetcode.com/problems/invalid-transactions/								
	https://leetcode.com/problems/jump-game/								
	https://leetcode.com/problems/subarray-sums-divisible-by-k/								
	HARD								
	https://leetcode.com/problems/first-missing-positive/								
	https://leetcode.com/problems/largest-rectangle-in-histogram/								
	https://leetcode.com/problems/insert-delete-getrandom-o1-duplicates-allowed/								
	https://leetcode.com/problems/best-time-to-buy-and-sell-stock-iii/	https://www.youtube.com/watch?v=YAWRyWJaiM0							
	https://leetcode.com/problems/max-value-of-equation/	https://www.youtube.com/watch?v=hOTpn8jE9jI							
	RECURSION								
	1- What is recursion	https://youtu.be/LgaFY8WyTX8							
	2- How Recursion Works	https://youtu.be/dWsQroffE-U							

[illegible]

https://leetcode.com/problems/minimum-cost-to-cut-a-stick/								
	STRINGS							
	EASY							
https://leetcode.com/problems/add-strings/								
https://leetcode.com/problems/longest-common-prefix/								
https://leetcode.com/problems/valid-palindrome-ii/								
https://leetcode.com/problems/roman-to-integer/								
https://leetcode.com/problems/implement-strstr/								
MEDIUM								
https://leetcode.com/problems/longest-substring-without-repeating-characters/								
https://leetcode.com/problems/minimum-remove-to-make-valid-parentheses/								
https://leetcode.com/problems/longest-palindromic-substring/								
https://leetcode.com/problems/group-anagrams/		https://www.youtube.com/watch?v=NVIm5_TlqUs						
https://leetcode.com/problems/generate-parentheses/								
https://leetcode.com/problems/basic-calculator-ii/								
https://leetcode.com/problems/integer-to-roman/								
https://leetcode.com/problems/reverse-words-in-a-string/								
https://leetcode.com/problems/simplify-path/								
https://leetcode.com/problems/zigzag-conversion/								
HARD								
https://leetcode.com/problems/text-justification/								
https://leetcode.com/problems/integer-to-english-words/								
https://leetcode.com/problems/minimum-window-substring/								
https://leetcode.com/problems/valid-number/								
https://leetcode.com/problems/distinct-subsequences/								
https://leetcode.com/problems/smallest-range-covering-elements-from-k-lists/								
https://leetcode.com/problems/substring-with-concatenation-of-all-words/								
	MATHS							
EASY								
https://leetcode.com/problems/reverse-integer/								
https://leetcode.com/problems/add-binary/								
https://leetcode.com/problems/palindrome-number/								
https://leetcode.com/problems/minimum-moves-to-equal-array-elements/								
https://leetcode.com/problems/happy-number/		https://www.youtube.com/watch?v=ocDwEjRVDak						
https://leetcode.com/problems/excel-sheet-column-title/								
https://leetcode.com/problems/missing-number/								
https://leetcode.com/problems/maximum-product-of-three-numbers/								
https://leetcode.com/problems/power-of-two/								
MEDIUM								
https://leetcode.com/problems/encode-and-decode-tinyurl/								
https://leetcode.com/problems/string-to-integer-atoi/								
https://leetcode.com/problems/multiply-strings/								
https://leetcode.com/problems/angle-between-hands-of-a-clock/								
https://leetcode.com/problems/integer-break/								
https://leetcode.com/problems/valid-square/								
https://leetcode.com/problems/the-kth-factor-of-n/								
HARD								
https://leetcode.com/problems/basic-calculator/								
https://leetcode.com/problems/max-points-on-a-line/								
https://leetcode.com/problems/permutation-sequence/								
https://leetcode.com/problems/number-of-digit-one/								
	GREEDY							

EASY							
THAT WOULD BE TOO EASY FOR YOU , LETS DO MEDIUM							
MEDIUM							
https://leetcode.com/problems/task-scheduler/							
https://leetcode.com/problems/gas-station/							
https://leetcode.com/problems/minimum-deletion-cost-to-avoid-repeating-letters/							
https://leetcode.com/problems/maximum-number-of-events-that-can-be-attended/							
https://leetcode.com/problems/minimum-deletions-to-make-character-frequencies-unique/							
https://leetcode.com/problems/remove-k-digits/							
https://leetcode.com/problems/restore-the-array-from-adjacent-pairs/							
https://leetcode.com/problems/non-overlapping-intervals/							
HARD							
https://leetcode.com/problems/candy/							
https://leetcode.com/problems/minimum-number-of-taps-to-open-to-water-a-garden/							
https://leetcode.com/problems/create-maximum-number/							
DFS							
MEDIUM							
https://leetcode.com/problems/letter-combinations-of-a-phone-number/							
https://leetcode.com/problems/course-schedule-ii/							
https://leetcode.com/problems/decode-string/							
https://leetcode.com/problems/number-of-provinces/							
https://leetcode.com/problems/clone-graph/							
https://leetcode.com/problems/shortest-bridge/							
https://leetcode.com/problems/all-paths-from-source-to-target/							
https://leetcode.com/problems/surrounded-regions/							
https://leetcode.com/problems/house-robber-iii/							
HARD							
https://leetcode.com/problems/critical-connections-in-a-network/							
https://leetcode.com/problems/remove-invalid-parentheses/							
https://leetcode.com/problems/longest-increasing-path-in-a-matrix/							
https://leetcode.com/problems/concatenated-words/							
https://leetcode.com/problems/making-a-large-island/							
https://leetcode.com/problems/contain-virus/							
https://leetcode.com/problems/24-game/							
https://leetcode.com/problems/remove-boxes/							
TREE							
EASY							
https://leetcode.com/problems/diameter-of-binary-tree/							
https://leetcode.com/problems/invert-binary-tree/							
https://leetcode.com/problems/subtree-of-another-tree/							
https://leetcode.com/problems/range-sum-of-bst/							
https://leetcode.com/problems/symmetric-tree/							
https://leetcode.com/problems/convert-sorted-array-to-binary-search-tree/							
https://leetcode.com/problems/merge-two-binary-trees/							
https://leetcode.com/problems/maximum-depth-of-binary-tree/							
https://leetcode.com/problems/binary-tree-paths/							
https://leetcode.com/problems/same-tree/							
https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-search-tree/							
https://leetcode.com/problems/path-sum/							
https://leetcode.com/problems/minimum-absolute-difference-in-bst/							
https://leetcode.com/problems/sum-of-left-leaves/							
https://leetcode.com/problems/balanced-binary-tree/							
https://leetcode.com/problems/binary-tree-inorder-traversal/ (USING STACK TOO)							
MEDIUM							

https://leetcode.com/problems/count-good-nodes-in-binary-tree/								
https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-tree/								
https://leetcode.com/problems/binary-tree-right-side-view/								
https://leetcode.com/problems/all-nodes-distance-k-in-binary-tree/								
https://leetcode.com/problems/validate-binary-search-tree/								
https://leetcode.com/problems/binary-tree-zigzag-level-order-traversal/								
https://leetcode.com/problems/binary-search-tree-iterator/								
https://leetcode.com/problems/binary-tree-level-order-traversal/								
https://leetcode.com/problems/path-sum-iii/								
https://leetcode.com/problems/construct-binary-tree-from-preorder-and-postorder-traversal/								
https://leetcode.com/problems/unique-binary-search-trees/								
https://leetcode.com/problems/recover-binary-search-tree/								
https://leetcode.com/problems/populating-next-right-pointers-in-each-node/								
https://leetcode.com/problems/flatten-binary-tree-to-linked-list/								
https://leetcode.com/problems/maximum-width-of-binary-tree/								
https://leetcode.com/problems/unique-binary-search-trees-ii/								
https://leetcode.com/problems/kth-smallest-element-in-a-bst/								
https://leetcode.com/problems/redundant-connection/								
HARD								
https://leetcode.com/problems/serialize-and-deserialize-binary-tree/								
https://leetcode.com/problems/binary-tree-maximum-path-sum/								
https://leetcode.com/problems/vertical-order-traversal-of-a-binary-tree/								
https://leetcode.com/problems/binary-tree-cameras/								
https://leetcode.com/problems/sum-of-distances-in-tree/								
https://leetcode.com/problems/number-of-ways-to-reconstruct-a-tree/								
https://leetcode.com/problems/redundant-connection-ii/								
HASH TABLE								
EASY								
https://leetcode.com/problems/verifying-an-alien-dictionary/								
https://leetcode.com/problems/design-hashmap/								
MEDIUM								
https://leetcode.com/problems/top-k-frequent-elements/								
https://leetcode.com/problems/design-twitter/								
BINARY SEARCH								
EASY								
https://leetcode.com/problems/sqrtx/								
https://leetcode.com/problems/binary-search/								
https://leetcode.com/problems/count-negative-numbers-in-a-sorted-matrix/								
https://leetcode.com/problems/peak-index-in-a-mountain-array/								
MEDIUM								
https://leetcode.com/problems/time-based-key-value-store/								
https://leetcode.com/problems/search-in-rotated-sorted-array/								
https://leetcode.com/problems/powx-n/								
https://leetcode.com/problems/find-first-and-last-position-of-element-in-sorted-array/								
https://leetcode.com/problems/find-peak-element/								
https://leetcode.com/problems/search-a-2d-matrix/								
https://leetcode.com/problems/divide-two-integers/								
https://leetcode.com/problems/capacity-to-ship-packages-within-d-days/								
https://leetcode.com/problems/minimum-limit-of-balls-in-a-bag/								
HARD								
https://leetcode.com/problems/median-of-two-sorted-arrays/								
https://leetcode.com/problems/count-of-smaller-numbers-after-self/								
https://leetcode.com/problems/max-sum-of-rectangle-no-larger-than-k/								
https://leetcode.com/problems/split-array-largest-sum/								

https://leetcode.com/problems/shortest-subarray-with-sum-at-least-k/								
BFS								
MEDIUM								
https://leetcode.com/problems/number-of-islands/								
https://leetcode.com/problems/rotting-oranges/								
https://leetcode.com/problems/snakes-and-ladders/								
https://leetcode.com/problems/is-graph-bipartite/								
https://leetcode.com/problems/minimum-jumps-to-reach-home/								
HARD								
https://leetcode.com/problems/word-ladder/								
https://leetcode.com/problems/word-ladder-ii/								
https://leetcode.com/problems/cut-off-trees-for-golf-event/								
https://leetcode.com/problems/reachable-nodes-in-subdivided-graph/								
TWO POINTER								
MEDIUM / HARD								
https://leetcode.com/problems/partition-labels/								
https://leetcode.com/problems/sort-colors/								
https://leetcode.com/problems/longest-repeating-character-replacement/								
https://leetcode.com/problems/maximum-number-of-visible-points/								
https://leetcode.com/problems/subarrays-with-k-different-integers/								
STACK								
EASY								
https://leetcode.com/problems/min-stack/								
https://leetcode.com/problems/next-greater-element-i/								
https://leetcode.com/problems/backspace-string-compare/								
https://leetcode.com/problems/implement-queue-using-stacks/								
PRE , POST , INORDER TRAVERSALS OF BINARY TREE								
https://leetcode.com/problems/implement-stack-using-queues/								
MEDIUM								
https://leetcode.com/problems/remove-all-adjacent-duplicates-in-string-ii/								
https://leetcode.com/problems/daily-temperatures/								
https://leetcode.com/problems/flatten-nested-list-iterator/								
https://leetcode.com/problems/online-stock-span/								
https://leetcode.com/problems/minimum-cost-tree-from-leaf-values/								
https://leetcode.com/problems/sum-of-subarray-minimums/								
https://leetcode.com/problems/evaluate-reverse-polish-notation/								
DESIGN								
MEDIUM / HARD								
https://leetcode.com/problems/lru-cache/								
https://leetcode.com/problems/find-median-from-data-stream/								
https://leetcode.com/problems/design-underground-system/								
https://leetcode.com/problems/lfu-cache/								
https://leetcode.com/problems/tweet-counts-per-frequency/								
https://leetcode.com/problems/all-one-data-structure/								
https://leetcode.com/problems/design-browser-history/								
GRAPH								
EASY								
https://leetcode.com/problems/employee-importance/								
https://leetcode.com/problems/find-the-town-judge/								
MEDIUM								
https://leetcode.com/problems/evaluate-division/								
https://leetcode.com/problems/accounts-merge/								

[illegible]

	https://leetcode.com/problems/swim-in-rising-water/							
	https://leetcode.com/problems/shortest-path-to-get-all-keys/							
	https://leetcode.com/problems/minimum-cost-to-hire-k-workers/							
	https://leetcode.com/problems/k-th-smallest-prime-fraction/							
	SLIDING WINDOW							
	MEDIUM/HARD							
	https://leetcode.com/problems/longest-substring-with-at-least-k-repeating-characters/							
	https://leetcode.com/problems/max-consecutive-ones-iii/							
	https://leetcode.com/problems/grumpy-bookstore-owner/							
	https://leetcode.com/problems/sliding-window-median/							
	TRIE							
	https://leetcode.com/explore/learn/card/trie/							
	SEGMENT TREE							
	https://leetcode.com/articles/a-recursive-approach-to-segment-trees-range-sum-queries-lazy-propagation/							