Leetcode DSA sheet by Fraz : Sheet1

	B	C
1	**DSA Sheet by FRAZ (https://www.youtube.com/c/FrazMohammad)**	
2	**CHECKOUT MY DSA Channel (https://www.youtube.com/c/LeadCodingbyFRAZ)**	
3		
4	**HOW TO FOLLOW THIS SHEET https://youtu.be/NXQi_g1pVqI**	
5	**JOIN TELEGRAM CHANNEL FOR UPDATES https://t.me/LeadCoding**	
6		
7		
8	**Arrays**	**Editorials**
9	**EASY**	
10	https://leetcode.com/problems/two-sum/	https://www.youtube.com/watch?v=o2WOhGSfx_8
11	https://leetcode.com/problems/best-time-to-buy-and-sell-stock/	https://www.youtube.com/watch?v=XIWykOHE1SE
12	https://leetcode.com/problems/plus-one/	https://www.youtube.com/watch?v=FyzWXlSMNoI
13	https://leetcode.com/problems/move-zeroes/	https://www.youtube.com/watch?v=mgzcjQ1x9Mw
14	https://leetcode.com/problems/best-time-to-buy-and-sell-stock-ii/	https://www.youtube.com/watch?v=3gtcRtvDCpA
15	https://leetcode.com/problems/running-sum-of-1d-array/	https://leetcode.com/problems/running-sum-of-1d-a %2B%2BPython-Array-Time-O(N)-Space-O(1)
16	https://leetcode.com/problems/find-pivot-index/	https://leetcode.com/problems/find-pivot-index/discu beats100-1ms-easy-understanding-solution
17	https://leetcode.com/problems/majority-element/	https://www.youtube.com/watch?v=PqU48t80rn8
18	https://leetcode.com/problems/fibonacci-number/	https://www.youtube.com/watch? v=MyFe2W2nIEE&list=PLKZaSt2df1gxtem7J8QqY8
19	https://leetcode.com/problems/squares-of-a-sorted-array/	https://leetcode.com/problems/squares-of-a-sorted-a %2B%2B%3A-Simplest-one-pass-two-pointers
20	https://leetcode.com/problems/pascals-triangle/	https://leetcode.com/problems/pascals-triangle/disc
21	https://leetcode.com/problems/remove-duplicates-from-sorted-array/	https://leetcode.com/problems/remove-duplicates-fr 11782/Share-my-clean-C%2B%2B-code
22		
23		
24	**MEDIUM**	
25	https://leetcode.com/problems/merge-intervals/	https://leetcode.com/problems/merge-intervals/discu solution
26	https://leetcode.com/problems/3sum/	https://www.youtube.com/watch?v=TeegtfmEhTY
27	https://leetcode.com/problems/product-of-array-except-self/	https://www.youtube.com/watch?v=3X9-qs1Lwe4
28	https://leetcode.com/problems/insert-delete-getrandom-o1/	(Check the comment section of this post) https://lee delete-getrandom-o1/discuss/85422/AC-C%2B%2B %2B-Vector
29	https://leetcode.com/problems/subarray-sum-equals-k/	https://leetcode.com/problems/subarray-sum-equals General-summary-of-what-kind-of-problem-can-can
30	https://leetcode.com/problems/next-permutation/	
31	https://leetcode.com/problems/spiral-matrix/	
32	https://leetcode.com/problems/container-with-most-water/	
33	https://leetcode.com/problems/rotate-image/	

	B	C
34	https://leetcode.com/problems/word-search/	
35	https://leetcode.com/problems/3sum-closest/	
36	https://leetcode.com/problems/game-of-life/	
37	https://leetcode.com/problems/pairs-of-songs-with-total-durations-divisible-by-60/	
38	https://leetcode.com/problems/4sum/	https://www.youtube.com/watch?v=UG1C-otvF2U
39	https://leetcode.com/problems/find-the-duplicate-number/	
40	https://leetcode.com/problems/combination-sum/	https://www.youtube.com/watch?v=yEAHwSS8HN0
41	https://leetcode.com/problems/jump-game-ii/	https://www.youtube.com/watch?v=1DkVU2i3sOA
42	https://leetcode.com/problems/maximum-points-you-can-obtain-from-cards/	
43	https://leetcode.com/problems/maximum-area-of-a-piece-of-cake-after-horizontal-and-vertical-cuts/	
44	https://leetcode.com/problems/max-area-of-island/	
45	https://leetcode.com/problems/find-all-duplicates-in-an-array/	
46	https://leetcode.com/problems/k-diff-pairs-in-an-array/	
47	https://leetcode.com/problems/subsets/	https://www.youtube.com/watch?v=6BPurabdAl4
48	https://leetcode.com/problems/invalid-transactions/	
49	https://leetcode.com/problems/jump-game/	
50	https://leetcode.com/problems/subarray-sums-divisible-by-k/	
51	**HARD**	
52	https://leetcode.com/problems/first-missing-positive/	
53	https://leetcode.com/problems/largest-rectangle-in-histogram/	
54	https://leetcode.com/problems/insert-delete-getrandom-o1-duplicates-allowed/	
55	https://leetcode.com/problems/best-time-to-buy-and-sell-stock-iii/	https://www.youtube.com/watch?v=YAWRyWJalM0
56	https://leetcode.com/problems/max-value-of-equation/	https://www.youtube.com/watch?v=hOTpn8jE9jI
57		
58	**RECURSION**	
59	1- What is recursion	https://youtu.be/LgaFY8WyTX8
60	2- How Recursion Works	https://youtu.be/dWsQroffE-U
61	3- What is a recursion tree	https://youtu.be/2l3cSfE885g
62	4- https://leetcode.com/problems/powx-n/	https://youtu.be/an9WRz8QhkA
63	5- https://leetcode.com/problems/valid-palindrome/	https://youtu.be/m5Cx_AQnpfE
64	6- General Steps to recursion problems	https://youtu.be/quqHd8UHbzs
65	7- https://leetcode.com/problems/subsets/	https://youtu.be/0N3RCWa8jFM
66	8- https://leetcode.com/problems/permutations/	https://youtu.be/jRyQVVvYBAM
67	9- https://leetcode.com/problems/permutations-ii/	https://youtu.be/lQaNrfA86B0
68	10- https://leetcode.com/problems/subsets-ii/	https://youtu.be/u40eYbmT9zg
69	11- https://leetcode.com/problems/combinations/	https://youtu.be/DTFy9spEQGo
70	12- https://leetcode.com/problems/combination-sum/	https://youtu.be/Hca7284gCpI
71	13- https://leetcode.com/problems/combination-sum-ii/	https://youtu.be/6fARitpO0p8
72	14- https://leetcode.com/problems/combination-sum-iii/	https://youtu.be/xNeLP5RDY-c

	A	B	C
73		15- https://leetcode.com/problems/letter-combinations-of-a-phone-number/	https://youtu.be/qyHlIdxk820
74		16- https://leetcode.com/problems/partition-to-k-equal-sum-subsets/	https://youtu.be/h_6MldQ8vB8
75		17- https://leetcode.com/problems/maximum-length-of-a-concatenated-string-with-unique-characters/	https://youtu.be/DIJQ8zLeVEk
76		18- https://leetcode.com/problems/flood-fill/	https://youtu.be/RjO-HDjRMpM
77		19- https://leetcode.com/problems/word-search/	https://youtu.be/hPyR1un7_hw
78		20- Rat in a Maze	https://youtu.be/XiJ0Qq1LD5g
79		21- https://leetcode.com/problems/n-queens/	https://youtu.be/VrySrTVAI3Y
80			
81		**DYNAMIC PROGRAMING**	
82		**EASY**	
83		https://leetcode.com/problems/maximum-subarray/	
84		https://leetcode.com/problems/climbing-stairs	
85		https://leetcode.com/problems/divisor-game/	https://www.youtube.com/watch?v=UbE4-ONpJcc
86		https://leetcode.com/problems/counting-bits/	
87			
88		**MEDIUM**	
89		https://leetcode.com/problems/decode-ways/	https://www.youtube.com/watch?v=N5i7ySYQcgM
90		https://leetcode.com/problems/word-break/	https://www.youtube.com/watch?v=_iIK7Gu7MNo
91		https://leetcode.com/problems/delete-and-earn/	
92		https://leetcode.com/problems/maximal-square/	
93		https://leetcode.com/problems/coin-change/	
94		https://leetcode.com/problems/maximum-product-subarray/	
95		https://leetcode.com/problems/maximum-length-of-repeated-subarray/	
96		https://leetcode.com/problems/palindromic-substrings/	
97		https://leetcode.com/problems/house-robber/	https://www.youtube.com/watch?v=8BdXDakKZEs
98		https://leetcode.com/problems/continuous-subarray-sum/	
99		https://leetcode.com/problems/knight-dialer/	
100		https://leetcode.com/problems/longest-increasing-subsequence/	
101		https://leetcode.com/problems/unique-paths/	
102		https://leetcode.com/problems/count-square-submatrices-with-all-ones/	
103		https://leetcode.com/problems/range-sum-query-2d-immutable/	
104		https://leetcode.com/problems/longest-arithmetic-subsequence/	
105			
106		**HARD**	
107		https://leetcode.com/problems/trapping-rain-water/	
108		https://leetcode.com/problems/word-break-ii/	
109		https://leetcode.com/problems/regular-expression-matching/	
110		https://leetcode.com/problems/maximal-rectangle/	
111		https://leetcode.com/problems/longest-valid-parentheses/	
112		https://leetcode.com/problems/edit-distance/	

	A	B	C
113		https://leetcode.com/problems/minimum-difficulty-of-a-job-schedule/	
114		https://leetcode.com/problems/frog-jump/	
115		https://leetcode.com/problems/best-time-to-buy-and-sell-stock-iv/	https://www.youtube.com/watch?v=mFwf1YbH-Jk
116		https://leetcode.com/problems/burst-balloons/	
117		https://leetcode.com/problems/minimum-cost-to-merge-stones/	
118		https://leetcode.com/problems/minimum-insertion-steps-to-make-a-string-palindrome/	
119		https://leetcode.com/problems/super-egg-drop/	
120		https://leetcode.com/problems/count-different-palindromic-subsequences/	
121		https://leetcode.com/problems/minimum-cost-to-cut-a-stick/	
122			
123		**STRINGS**	
124		**EASY**	
125		https://leetcode.com/problems/add-strings/	
126		https://leetcode.com/problems/longest-common-prefix/	
127		https://leetcode.com/problems/valid-palindrome-ii/	
128		https://leetcode.com/problems/roman-to-integer/	
129		https://leetcode.com/problems/implement-strstr/	
130			
131		**MEDIUM**	
132		https://leetcode.com/problems/longest-substring-without-repeating-characters/	
133		https://leetcode.com/problems/minimum-remove-to-make-valid-parentheses/	
134		https://leetcode.com/problems/longest-palindromic-substring/	
135			
136		https://leetcode.com/problems/group-anagrams/	https://www.youtube.com/watch?v=NVIm5_TIqUs
137		https://leetcode.com/problems/generate-parentheses/	
138		https://leetcode.com/problems/basic-calculator-ii/	
139		https://leetcode.com/problems/integer-to-roman/	
140		https://leetcode.com/problems/reverse-words-in-a-string/	
141		https://leetcode.com/problems/simplify-path/	
142		https://leetcode.com/problems/zigzag-conversion/	
143			
144		**HARD**	
145		https://leetcode.com/problems/text-justification/	
146		https://leetcode.com/problems/integer-to-english-words/	
147		https://leetcode.com/problems/minimum-window-substring/	
148		https://leetcode.com/problems/valid-number/	
149		https://leetcode.com/problems/distinct-subsequences/	
150		https://leetcode.com/problems/smallest-range-covering-elements-from-k-lists/	
151		https://leetcode.com/problems/substring-with-concatenation-of-all-words/	

	A	B	C
152			
153		**MATHS**	
154		**EASY**	
155		https://leetcode.com/problems/reverse-integer/	
156		https://leetcode.com/problems/add-binary/	
157		https://leetcode.com/problems/palindrome-number/	
158		https://leetcode.com/problems/minimum-moves-to-equal-array-elements/	
159		https://leetcode.com/problems/happy-number/	https://www.youtube.com/watch?v=ocDwEjRVDAk
160		https://leetcode.com/problems/excel-sheet-column-title/	
161		https://leetcode.com/problems/missing-number/	
162		https://leetcode.com/problems/maximum-product-of-three-numbers/	
163		https://leetcode.com/problems/power-of-two/	
164			
165		**MEDIUM**	
166		https://leetcode.com/problems/encode-and-decode-tinyurl/	
167		https://leetcode.com/problems/string-to-integer-atoi/	
168		https://leetcode.com/problems/multiply-strings/	
169		https://leetcode.com/problems/angle-between-hands-of-a-clock/	
170		https://leetcode.com/problems/integer-break/	
171		https://leetcode.com/problems/valid-square/	
172		https://leetcode.com/problems/the-kth-factor-of-n/	
173			
174		**HARD**	
175		https://leetcode.com/problems/basic-calculator/	
176		https://leetcode.com/problems/max-points-on-a-line/	
177		https://leetcode.com/problems/permutation-sequence/	
178		https://leetcode.com/problems/number-of-digit-one/	
179			
180		**GREEDY**	
181		**EASY**	
182		THAT WOULD BE TOO EASY FOR YOU , LETS DO MEDIUM	
183			
184		**MEDIUM**	
185		https://leetcode.com/problems/task-scheduler/	
186		https://leetcode.com/problems/gas-station/	
187		https://leetcode.com/problems/minimum-deletion-cost-to-avoid-repeating-letters/	
188		https://leetcode.com/problems/maximum-number-of-events-that-can-be-attended/	
189		https://leetcode.com/problems/minimum-deletions-to-make-character-frequencies-unique/	
190		https://leetcode.com/problems/remove-k-digits/	

	A	B	C
191		https://leetcode.com/problems/restore-the-array-from-adjacent-pairs/	
192		https://leetcode.com/problems/non-overlapping-intervals/	
193			
194		**HARD**	
195		https://leetcode.com/problems/candy/	
196		https://leetcode.com/problems/minimum-number-of-taps-to-open-to-water-a-garden/	
197		https://leetcode.com/problems/create-maximum-number/	
198			
199		**DFS**	
200		**MEDIUM**	
201		https://leetcode.com/problems/letter-combinations-of-a-phone-number/	
202		https://leetcode.com/problems/course-schedule-ii/	
203		https://leetcode.com/problems/decode-string/	
204		https://leetcode.com/problems/number-of-provinces/	
205		https://leetcode.com/problems/clone-graph/	
206		https://leetcode.com/problems/shortest-bridge/	
207		https://leetcode.com/problems/all-paths-from-source-to-target/	
208		https://leetcode.com/problems/surrounded-regions//	
209		https://leetcode.com/problems/house-robber-iii/	
210			
211		**HARD**	
212		https://leetcode.com/problems/critical-connections-in-a-network/	
213		https://leetcode.com/problems/remove-invalid-parentheses/	
214		https://leetcode.com/problems/longest-increasing-path-in-a-matrix/	
215		https://leetcode.com/problems/concatenated-words/	
216		https://leetcode.com/problems/making-a-large-island/	
217		https://leetcode.com/problems/contain-virus/	
218		https://leetcode.com/problems/24-game/	
219		https://leetcode.com/problems/remove-boxes/	
220			
221		**TREE**	
222		**EASY**	
223		https://leetcode.com/problems/diameter-of-binary-tree/	
224		https://leetcode.com/problems/invert-binary-tree/	
225		https://leetcode.com/problems/subtree-of-another-tree/	
226		https://leetcode.com/problems/range-sum-of-bst/	
227		https://leetcode.com/problems/symmetric-tree/	
228		https://leetcode.com/problems/convert-sorted-array-to-binary-search-tree/	
229		https://leetcode.com/problems/merge-two-binary-trees/	
230		https://leetcode.com/problems/maximum-depth-of-binary-tree/	

	B	C
231	https://leetcode.com/problems/binary-tree-paths/	
232	https://leetcode.com/problems/same-tree/	
233	https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-search-tree/	
234	https://leetcode.com/problems/path-sum/	
235	https://leetcode.com/problems/minimum-absolute-difference-in-bst/	
236	https://leetcode.com/problems/sum-of-left-leaves/	
237	https://leetcode.com/problems/balanced-binary-tree/	
238	https://leetcode.com/problems/binary-tree-inorder-traversal/ (USING STACK TOO)	
239		
240	**MEDIUM**	
241	https://leetcode.com/problems/count-good-nodes-in-binary-tree/	
242	https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-tree/	
243	https://leetcode.com/problems/binary-tree-right-side-view/	
244	https://leetcode.com/problems/all-nodes-distance-k-in-binary-tree/	
245	https://leetcode.com/problems/validate-binary-search-tree/	
246	https://leetcode.com/problems/binary-tree-zigzag-level-order-traversal/	
247	https://leetcode.com/problems/binary-search-tree-iterator/	
248	https://leetcode.com/problems/binary-tree-level-order-traversal/	
249	https://leetcode.com/problems/path-sum-iii/	
250	https://leetcode.com/problems/construct-binary-tree-from-preorder-and-postorder-traversal/	
251	https://leetcode.com/problems/unique-binary-search-trees/	
252	https://leetcode.com/problems/recover-binary-search-tree/	
253	https://leetcode.com/problems/populating-next-right-pointers-in-each-node/	
254	https://leetcode.com/problems/flatten-binary-tree-to-linked-list/	
255	https://leetcode.com/problems/maximum-width-of-binary-tree/	
256	https://leetcode.com/problems/unique-binary-search-trees-ii/	
257	https://leetcode.com/problems/kth-smallest-element-in-a-bst/	
258	https://leetcode.com/problems/redundant-connection/	
259		
260	**HARD**	
261	https://leetcode.com/problems/serialize-and-deserialize-binary-tree/	
262	https://leetcode.com/problems/binary-tree-maximum-path-sum/	
263	https://leetcode.com/problems/vertical-order-traversal-of-a-binary-tree/	
264	https://leetcode.com/problems/binary-tree-cameras/	
265	https://leetcode.com/problems/sum-of-distances-in-tree/	
266	https://leetcode.com/problems/number-of-ways-to-reconstruct-a-tree/	
267	https://leetcode.com/problems/redundant-connection-ii/	
268		
269	**HASH TABLE**	

	B	C
270	**EASY**	
271	https://leetcode.com/problems/verifying-an-alien-dictionary/	
272	https://leetcode.com/problems/design-hashmap/	
273		
274	**MEDIUM**	
275	https://leetcode.com/problems/top-k-frequent-elements/	
276	https://leetcode.com/problems/design-twitter/	
277		
278	**BINARY SEARCH**	
279	**EASY**	
280	https://leetcode.com/problems/sqrtx/	
281	https://leetcode.com/problems/binary-search/	
282	https://leetcode.com/problems/count-negative-numbers-in-a-sorted-matrix/	
283	https://leetcode.com/problems/peak-index-in-a-mountain-array/	
284		
285	**MEDIUM**	
286	https://leetcode.com/problems/time-based-key-value-store/	
287	https://leetcode.com/problems/search-in-rotated-sorted-array/	
288	https://leetcode.com/problems/powx-n/	
289	https://leetcode.com/problems/find-first-and-last-position-of-element-in-sorted-array/	
290	https://leetcode.com/problems/find-peak-element/	
291	https://leetcode.com/problems/search-a-2d-matrix/	
292	https://leetcode.com/problems/divide-two-integers/	
293	https://leetcode.com/problems/capacity-to-ship-packages-within-d-days/	
294	https://leetcode.com/problems/minimum-limit-of-balls-in-a-bag/	
295		
296	**HARD**	
297	https://leetcode.com/problems/median-of-two-sorted-arrays/	
298	https://leetcode.com/problems/count-of-smaller-numbers-after-self/	
299	https://leetcode.com/problems/max-sum-of-rectangle-no-larger-than-k/	
300	https://leetcode.com/problems/split-array-largest-sum/	
301	https://leetcode.com/problems/shortest-subarray-with-sum-at-least-k/	
302		
303	**BFS**	
304	**MEDIUM**	
305	https://leetcode.com/problems/number-of-islands/	
306	https://leetcode.com/problems/rotting-oranges/	
307	https://leetcode.com/problems/snakes-and-ladders/	
308	https://leetcode.com/problems/is-graph-bipartite/	
309	https://leetcode.com/problems/minimum-jumps-to-reach-home/	

	A	B	C
310			
311		**HARD**	
312		https://leetcode.com/problems/word-ladder/	
313		https://leetcode.com/problems/word-ladder-ii/	
314		https://leetcode.com/problems/cut-off-trees-for-golf-event/	
315		https://leetcode.com/problems/reachable-nodes-in-subdivided-graph/	
316			
317		**TWO POINTER**	
318		**MEDIUM / HARD**	
319		https://leetcode.com/problems/partition-labels/	
320		https://leetcode.com/problems/sort-colors/	
321		https://leetcode.com/problems/longest-repeating-character-replacement/	
322		https://leetcode.com/problems/maximum-number-of-visible-points/	
323		https://leetcode.com/problems/subarrays-with-k-different-integers/	
324			
325		**STACK**	
326		**EASY**	
327		https://leetcode.com/problems/min-stack/	
328		https://leetcode.com/problems/next-greater-element-i/	https://www.youtube.com/watch?v=TunTV2-griM
329		https://leetcode.com/problems/backspace-string-compare/	
330		https://leetcode.com/problems/implement-queue-using-stacks/	
331		PRE , POST , INORDER TRAVERSALS OF BINARY TREE	https://www.youtube.com/watch?v=B9bSSOnc0CQ, watch?v=oUbZurIKnsY ,
332		https://leetcode.com/problems/implement-stack-using-queues/	
333			
334		**MEDIUM**	
335		https://leetcode.com/problems/remove-all-adjacent-duplicates-in-string-ii/	
336		https://leetcode.com/problems/daily-temperatures/	
337		https://leetcode.com/problems/flatten-nested-list-iterator/	
338		https://leetcode.com/problems/online-stock-span/	
339		https://leetcode.com/problems/minimum-cost-tree-from-leaf-values/	
340		https://leetcode.com/problems/sum-of-subarray-minimums/	https://www.youtube.com/watch?v=9-TXIVEXX2w
341		https://leetcode.com/problems/evaluate-reverse-polish-notation/	
342			
343		**DESIGN**	
344		**MEDIUM / HARD**	
345		https://leetcode.com/problems/lru-cache/	
346		https://leetcode.com/problems/find-median-from-data-stream/	
347		https://leetcode.com/problems/design-underground-system/	
348		https://leetcode.com/problems/lfu-cache/	
349		https://leetcode.com/problems/tweet-counts-per-frequency/	

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350		https://leetcode.com/problems/all-oone-data-structure/	
351		https://leetcode.com/problems/design-browser-history/	
352			
353		**GRAPH**	
354		**EASY**	
355		https://leetcode.com/problems/employee-importance/	
356		https://leetcode.com/problems/find-the-town-judge/	
357			
358		**MEDIUM**	
359		https://leetcode.com/problems/evaluate-division/	
360		https://leetcode.com/problems/accounts-merge/	
361		https://leetcode.com/problems/network-delay-time/	
362		https://leetcode.com/problems/find-eventual-safe-states/	
363		https://leetcode.com/problems/keys-and-rooms/	
364		https://leetcode.com/problems/possible-bipartition/	
365		https://leetcode.com/problems/most-stones-removed-with-same-row-or-column/	
366		https://leetcode.com/problems/regions-cut-by-slashes/	
367		https://leetcode.com/problems/satisfiability-of-equality-equations/	
368		https://leetcode.com/problems/as-far-from-land-as-possible/	
369		https://leetcode.com/problems/number-of-closed-islands/	
370		https://leetcode.com/problems/number-of-operations-to-make-network-connected/	
371		https://leetcode.com/problems/find-the-city-with-the-smallest-number-of-neighbors-at-a-threshold-distance/	
372		https://leetcode.com/problems/time-needed-to-inform-all-employees/	
373			
374		**BIT MANIPULATION**	
375		https://leetcode.com/problems/sum-of-two-integers/discuss/84278/A-summary%3A-how-to-use-bit-manipulation-to-solve-problems-easily-and-efficiently	
376			
377		**LINKED LIST**	
378			
379		1- Uses of Linked List (Real Life)	https://youtu.be/fxuVD1e66QA
380		2- Representation of Linked List	https://youtu.be/Xtvo7Y2q4NA
381		3- https://leetcode.com/problems/delete-node-in-a-linked-list/	https://youtu.be/m6rUsGNRYPg
382		4- Arrays vs Linked List	https://youtu.be/KMc-B051ne8
383		5- https://leetcode.com/problems/middle-of-the-linked-list/	https://youtu.be/5blSG0JZNbg
384		6- https://leetcode.com/problems/convert-binary-number-in-a-linked-list-to-integer/	https://youtu.be/rPbzUW7usJE
385		7- Doubly Linked List and STLs	https://youtu.be/cTm0AR5_O54
386		8- https://leetcode.com/problems/design-hashset/	https://youtu.be/IjxkD8L2cOM

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387	9- https://leetcode.com/problems/design-hashmap/	https://youtu.be/xVEGczCJCHs
388	10- https://leetcode.com/problems/reverse-linked-list/	https://youtu.be/MsIRa740mQY
389	11- Reverse Nodes in k-Group [https://leetcode.com/problems/reverse-nodes-in-k-group/]	https://youtu.be/TeDcLjOOiK4
390	12- Reverse Nodes in k-Group (NO EXTRA SPACE)	https://youtu.be/dbRJFnQoKTI
391	13- https://leetcode.com/problems/merge-two-sorted-lists/	https://youtu.be/0QPpgAsd4IY
392	**14- https://leetcode.com/problems/merge-k-sorted-lists/**	https://youtu.be/RYJ3vs8qx10
393	15- https://leetcode.com/problems/remove-duplicates-from-sorted-list/	https://youtu.be/_Dc1IqY2WpQ
394	16- https://leetcode.com/problems/linked-list-cycle/	https://youtu.be/nbQUEN3IRFk
395	17- https://leetcode.com/problems/linked-list-cycle-ii/	https://youtu.be/tsQT0MT73Og
396	18- https://leetcode.com/problems/intersection-of-two-linked-lists/	https://youtu.be/DGEqY5rLyVc
397	19- https://leetcode.com/problems/palindrome-linked-list/	https://youtu.be/XYY2tc_8KDM
398	20- https://leetcode.com/problems/remove-linked-list-elements/	https://youtu.be/JrRoR7ycM8U
399	21- https://leetcode.com/problems/design-browser-history/	https://youtu.be/SPDhPuMsM9A
400	22- https://leetcode.com/problems/lru-cache/	https://youtu.be/nN36SSIMn1k
401	23- Copy List with Random Pointer (with extra space) [https://leetcode.com/problems/copy-list-with-random-pointer/]	https://youtu.be/ctFmFbeyTVU
402	24- Copy List with Random Pointer (NO extra space)	https://youtu.be/uBjpRedaNKQ
403		
404	**HEAP**	
405	**MEDIUM**	
406	https://leetcode.com/problems/k-closest-points-to-origin/	
407	https://leetcode.com/problems/kth-largest-element-in-an-array/	
408	https://leetcode.com/problems/reorganize-string/	
409	https://leetcode.com/problems/furthest-building-you-can-reach/	
410	https://leetcode.com/problems/kth-smallest-element-in-a-sorted-matrix/	
411	https://leetcode.com/problems/cheapest-flights-within-k-stops/	
412	https://leetcode.com/problems/find-the-most-competitive-subsequence/	
413	https://leetcode.com/problems/ugly-number-ii/	
414		
415	**HARD**	
416	https://leetcode.com/problems/merge-k-sorted-lists/	
417	https://leetcode.com/problems/sliding-window-maximum/	
418	https://leetcode.com/problems/the-skyline-problem/	
419	https://leetcode.com/problems/trapping-rain-water-ii/	
420	https://leetcode.com/problems/minimum-number-of-refueling-stops/	
421	https://leetcode.com/problems/swim-in-rising-water/	
422	https://leetcode.com/problems/shortest-path-to-get-all-keys/	
423	https://leetcode.com/problems/minimum-cost-to-hire-k-workers/	
424	https://leetcode.com/problems/k-th-smallest-prime-fraction/	
425		

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	SLIDING WINDOW	
MEDIUM/HARD		
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