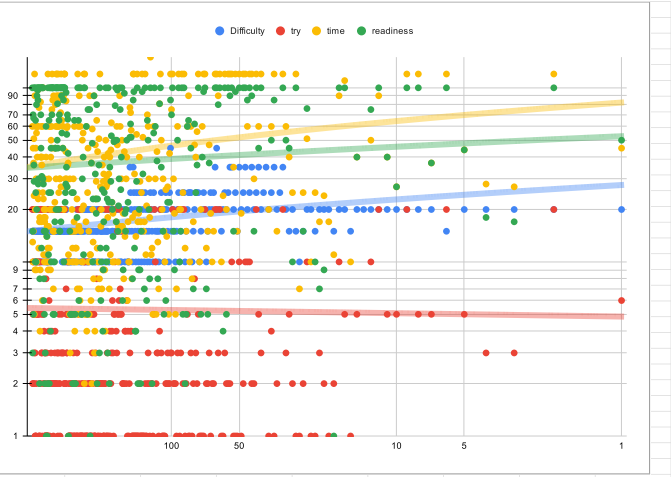
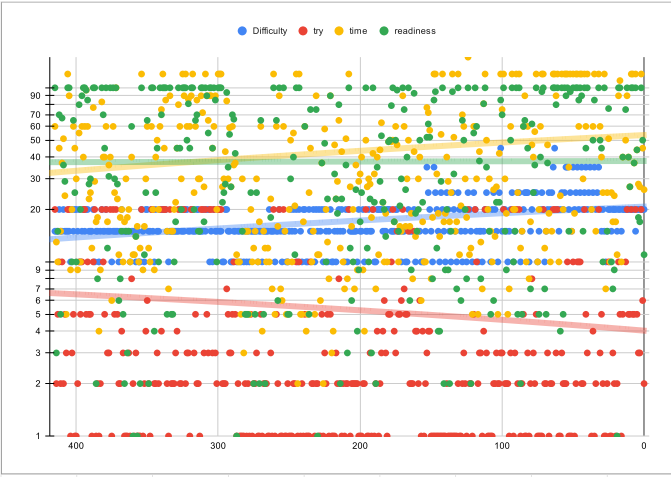


source	cnt	rev	date	Level	Difficulty	id	prob_name	try	time	readiness	read sol	topics	Reflection	todo	ext			
leetcode	1	415	2020-06-06	B	15	353	Design Snake Game	20	60	100	done	1. hash table	1. read question more carefully	todo				
leetcode	2	414	2020-06-07	B	15	1429	Fast Unique Number	2	13	3	done	1. hash table	1. code logic error	todo			ext	
leetcode	3	413	2020-06-08	B	15	1081	Shortest Path in Binary Matrix	5	10	15	done	1. bfs	1. ignore 0, 0 case	todo			ext	
leetcode	4	412	2020-06-09	C	20	403	Frog Jump	10	45	70	done	1. dp	O(N^2) implementation tie	todo			ext	
leetcode	5	411	2020-06-10	B	15	210	Course Schedule II	2	15	5	done	1. bfs	1. not dealing with invalid case	todo			ext	
leetcode	6	410	2020-06-11	B	15	967	Prison Cells After N Days	10	37	67	done	1. hash table 2. rotation group	1. misadd unrotated elements into group loop.	todo			ext	
leetcode	7	409	2020-06-12	C	20	726	Number of Aboms	2	51	36	done	1. parser design	string initialization: string s1 (s2, st_idx, len);	todo			ext	
leetcode	8	408	2020-06-13	B	15	694	Number of Distinct Islands	5	24	29	done	1. 2d array encoding	1. path encoding needs closing bracket ']'	todo			ext	
leetcode	9	407	2020-06-14	B	15	1167	Minimum Cost to Connect Sticks	3	5	0	done	1. Huffman encoding	priority_queue smallest first -> greater<int>	todo			ext	
leetcode	10	406	2020-06-15	B	15	1268	Search Suggestions System	20	120	100	done	1. bi	1. c++ set<A*> in A is hard...	todo			ext	
leetcode	11	405	2020-06-16	B	15	809	Snakes and Ladders	20	90	100	done	2. bfs	read problem carefully	todo			ext	
leetcode	12	404	2020-06-17	A	10	733	Flood Fill	1	9	0	done	1. bfs	none	todo			ext	
leetcode	13	403	2020-06-18	C	20	815	Bus Routes	3	20	10	done	1. bfs	1. typo	todo			ext	
leetcode	14	402	2020-06-19	B	15	863	All Nodes Distance K in Binary Tree	5	60	65	done	1. dfs 2. tree	1. design flaws	todo			ext	
leetcode	15	401	2020-06-20	C	20	126	Word Ladder II	1	45	25	done	1. bfs	none	todo			ext	
leetcode	16	400	2020-06-21	C	20	972	Concatenated Words	1	20	10	done	1. string 2. dfs	none	todo			ext	
leetcode	17	399	2020-06-22	B	15	348	Design Tic-Tac-Toe	2	9	0	done	1. design	tying error	todo			ext	
leetcode	18	398	2020-06-23	C	20	460	LFU Cache	10	55	80	done	1. design	too many	todo			ext	
leetcode	19	397	2020-06-24	A	10	819	Most Common Word	5	10	20	done	1. string processing 2. hash map	1. tolower 2. after while loop i miss a update	todo			ext	
leetcode	20	396	2020-06-25	B	15	227	Basic Calculator II	10	60	90	done	1. string tokenization	++ is left-to-right	todo			ext	
leetcode	21	395	2020-06-26	C	20	239	Sliding Window Maximum	20	40	100	done	1. deque 2. dp	no idea of O(N) time	todo			ext	
leetcode	22	394	2020-06-27	B	15	140	Word Break II	20	60	100	done	1. dp	1. string pre vs post construction.	todo			ext	
leetcode	23	393	2020-06-28	C	20	588	Design In-Memory File System	5	97	97	done	1. string processing 2. design	Need to practice more string to tokens in C++	todo			ext	
leetcode	24	392	2020-06-29	C	20	127	Word Ladder	10	60	85	done	1. bfs	1. misunderstanding the target question in complexity	todo			ext	
leetcode	25	391	2020-06-30	B	15	763	Partition Labels	5	23	28	done	1. merge interval	1. logic design error	todo			ext	
leetcode	26	390	2020-07-01	B	15	692	Top K Frequent Words	5	25	30	done	1. nth largest element	nth_element does not sort kth largest ones	todo			ext	
leetcode	27	389	2020-07-02	B	15	994	Rotting Oranges	1	12	0	done	1. bfs	none	todo			ext	
leetcode	28	388	2020-07-03	C	20	1192	Critical Connections in a Network	10	77	100	done	1. tree 2. graph 3. Tarjan's algorithm	Graph traversal visits parent node	todo			ext	
leetcode	29	387	2020-07-04	A	10	937	Reorder Data in Log Files	20	29	100	done	1. string	1. string: npos != s.size() 2. key conflict	todo			ext	
leetcode	30	386	2020-07-05	B	15	825	Friends Of Appropriate Ages	1	17	2	done	1. array	none	todo			ext	
leetcode	31	385	2020-07-06	B	15	1086	Maximum Difference Between Node and Ancestor	2	16	2	done	1. tree 2. dfs	1. typing error	todo			ext	
leetcode	32	384	2020-07-07	A	10	896	Monotonic Array	1	4	0	done	1. array	none	todo			ext	
leetcode	33	383	2020-07-08	B	15	1428	Leftmost Columns with at Least a One	2	9	0	done	1. binary search	1. while(1 + 1 < r)	todo			ext	
leetcode	34	382	2020-07-09	C	20	689	Maximum Sum of 3 Non-Overlapping Subarrays	20	83	100	done	1. array 2. dp	1. indexing problems	todo			ext	
leetcode	35	381	2020-07-10	B	15	670	Maximum Swap	10	40	70	done	1. array 2. math	1. implementing priority queue failed	todo			ext	
leetcode	36	380	2020-07-11	B	15	249	Group Shifted Strings	5	40	45	done	hash table	1. Not familiar to built a hash linked table	todo			ext	
leetcode	37	379	2020-07-12	C	20	680	Expansion After Operators	20	80	100	done	1. backtracking	do more backtracking problems	todo			ext	
leetcode	38	378	2020-07-13	B	15	311	Sparse Matrix Multiplication	3	17	12	done	hash table	err_name	todo			ext	
leetcode	39	377	2020-07-14	B	15	785	Is Graph Bipartite?	3	36	31	done	1. disjoint set	none	todo			ext	
leetcode	40	376	2020-07-15	B	15	523	Continuous Subarray Sum	20	40	100	done	dp	1. miss corner case k == 0 and k is negative	todo			ext	
leetcode	41	375	2020-07-16	A	10	938	Range Sum of BST	1	6	0	done	1. tree traversal	none	todo			ext	
leetcode	42	374	2020-07-17	B	15	621	Task Scheduler	20	60	100	done	1. greedy	1. no solution	todo			ext	
leetcode	43	373	2020-07-18	B	15	340	Longest Substring with At Most K Distinct Characters	5	25	30	done	1. string 2. hash table 3. two pointers	1. while loop break condition has two type.	todo			ext	
leetcode	44	372	2020-07-19	B	15	636	Exclusive Time of Functions	20	100	100	done	stack	1. string tokenizing	todo			ext	
leetcode	45	371	2020-07-20	B	15	211	Add and Search Word - Data structure design	5	23	28	done	trie	1. never use i, j, k as var name...	todo			ext	
leetcode	46	370	2020-07-21	A	10	125	Valid Palindrome	2	11	6	done	1. string	1. miss nums cases	todo			ext	
leetcode	47	369	2020-07-22	B	15	528	Random Pick with Weight	2	18	8	done	1. binary search	1. binary search design flaws	todo			ext	
leetcode	48	368	2020-07-23	B	15	972	Vertical Order Traversal of a Binary Tree	2	16	15	done	hash table	1. misunderstand the Question	todo			ext	
leetcode	49	367	2020-07-24	B	15	187	Repeated DNA Sequences	3	10	5	done	hash table	hash value reverse problem with 0	todo			ext	
leetcode	50	366	2020-07-25	B	15	438	Find All Anagrams in a String	1	17	2	done	hash table	none	todo			ext	
leetcode	51	365	2020-07-26	B	15	173	Binary Search Tree Iterator	1	30	15	done	1. tree traversal using stack	none	todo			ext	
leetcode	52	364	2020-07-27	B	15	236	Lowest Common Ancestor of a Binary Tree	1	18	3	done	1. tree 2. lca	none	todo			ext	
leetcode	53	363	2020-07-28	B	15	986	Interval List Intersections	3	20	15	done	1. two pointer	1. logic error	todo			ext	
leetcode	54	362	2020-07-29	A	10	680	Valid Palindrome II	1	10	0	done	1. string	none	todo			ext	
leetcode	55	361	2020-07-30	B	15	215	Kth Largest Element in an Array	8	40	60	done	1. quick select or intro select algo	1. partition function must return size ==1	todo			ext	
leetcode	56	360	2020-07-31	B	15	973	K Closest Points to Origin	2	11	1	done	1. divide and conquer 2. heap 3. sort	1. priority_queue put largest first or lowest when greater() is applied	todo			ext	
leetcode	57	359	2020-08-01	B	15	1249	Minimum Remove to Make Valid Parentheses	1	11	0	done	1. stack 2. string	-	todo			ext	
leetcode	58	358	2020-08-02	A	10	953	Verifying an Alien Dictionary	3	14	14	done	1. hash table	sort cannot use non-static function as cmp	-			-	
leetcode	59	357	2020-08-03	B	15	238	Product of Array Except Self	1	16	1	done	1. array	none	todo			ext	
leetcode	60	356	2020-08-04	A	10	415	Add Strings	1	415	0	done	1. two pointer	-	-			-	
leetcode	61	355	2020-08-05	A	10	88	Merge Sorted Array	1	12	2	done	1. two pointer	-	-			-	
leetcode	62	354	2020-08-06	C	20	269	Alien Dictionary	20	120	100	done	1. Graph 2. Topology sort	Not familiar with problem	-			-	
leetcode	63	353	2020-08-07	B	15	398	Random Pick Index	1	9	0	done	reservoir sampling	-	-			-	
leetcode	64	352	2020-08-08	A	10	67	Add Binary	2	16	11	done	1. math	1. Forget to clear register after while loop	-			-	
leetcode	65	351	2020-08-09	C	20	23	Merge k Sorted Lists	2	30	25	done	1. merge sort	1. logic error	-			-	
leetcode	66	350	2020-08-10	C	20	273	Integer to English Words	6	60	65	done	1. implementation	1. string merge	-			-	
leetcode	67	349	2020-08-11	B	15	199	Binary Tree Right Side View	2	12	2	done	1. Tree 2. BFS	missing a case that root is NULL.	-			-	
leetcode	68	348	2020-08-12	B	15	1060	Missing Element in Sorted Array	1	10	0	done	binary search	-	-			-	
leetcode	69	347	2020-08-13	C	20	1320	Minimum Distance to Type a Word Using Two Fingers	20	60	100	done	dp	1. matrix access before initialization	-			-	
leetcode	70	346	2020-08-14	B	15	1296	Time Needed to Inform All Employees	20	20	100	done	bfs	1. access queue element after pop	-			-	
leetcode	71	345	2020-08-15	A	10	914	X of a Kind in a Deck of Cards	2	9	4	done	1. math (gcd)	map.begin()>second	-			-	
leetcode	72	344	2020-08-16	C	20	85	Maximal Rectangle	2	40	25	done	dp	1. input data is a char not int value.	todo			ext	
leetcode	73	343	2020-08-17	B	15	399	Evaluate Division	3	50	45	done	dfs	1. unordered_map using pair need its own hash function.	try using union_set method	-			-
leetcode	74	342	2020-08-18	B	15	593	Valid Square	2	20	10	done	geometry	miss 0, 0, 0, 0 case	-			-	
leetcode	75	341	2020-08-19	C	20	1345	Jump Game IV	20	60	100	done	bfs	1. Create unnecessary array with length N	-			-	
leetcode	76	340	2020-08-20	C	20	1153	String Transforms Into Another String	4	75	70	done	1. graph 2. union set	1. logic error (write down pseudo-code / double check pseudo code)	-			-	
leetcode	77	339	2020-08-21	C	20	315	Count of Smaller Numbers After Self	20	120	100	done	merge sort with statistic	do not have sol	done			done	
leetcode	78	338	2020-08-22	C	20	410	Split Array Largest Sum	20	45	100	done	dp or bisearch	infinite bisearch loop	list all some invalid bisearch case	-		-	
leetcode	79	337	2020-08-23	C	20	679	24 Game	20	85	100	done	dfs	-	1. do more permutation problem	-		-	
leetcode	80	336	2020-08-24	B	15	946	Validate Stack Sequences	2	15	5	done	stack	1. miss stack is empty case.	-			-	
leetcode	81	335	2020-08-25	A	10	348	Moving Average from Data Stream	1	7	0	done	queue	-	-			-	
leetcode	82	334	2020-08-26	B	15	1140	Stone Game II	20	90	100	done	dp	-	do more dp	-		-	
leetcode	83	333	2020-08-27	B	15	1296	Hand of Straights	2	15	5	done	1. ordered map	1. map.begin()->first 2. map.find()	-			-	
leetcode	84	332	2020-08-28	B	15	846	Hand of Straights	2	15	5	done	1. ordered map	1. map.begin()->first 2. map.find()	-			-	
leetcode	85	331	2020-08-29	B	15	560	Subarray Sum Equals K	2	20	10	done	1. hash table	indexing error	-			-	
leetcode	86	330	2020-08-30	B	15	743	Network Delay Time	3	22	17	done	Dijkstra's algorithm	1. forget init original cost to zero.	-			-	
leetcode	87	329	2020-08-31	B	15	1438	Longest Continuous Subarray With Absolute Diff Less Than or Equal to Limit	4	45	45	done	1. array 2. sliding window	1. empty map access	try deque	-		-	
leetcode	88	328	2020-09-01	B	15	375	Guess Number Higher or Lower II	20	80	100	done	dp	1. wrong thinking direction.	-			-	
leetcode	89	327	2020-09-02	C	20	1231	Divide Chocolate	2	60	45	done	1. binary search 2. greedy	iterative bisearch implementation err	-			-	
leetcode	90	326	2020-09-03	B	15	1219	Path with Maximum Gold	2	30	20	done	backtracking	1. m*n arr not L * L arr	-			-	
leetcode	91	325	2020-09-04															

source	cnt	rev	date	Level	Difficulty	id	prob_name	try	time	readiness	read sol	topics	Reflection	todo	ext		
leetcode	119	297	2020-10-02	A	10	202	Happy Number	2	27	22	done	Hash Table & Math	missused % as +=	Floyd's Cycle-Finding Algorithm	-		
leetcode	120	296	2020-10-03	A	10	160	Intersection of Two Linked Lists	2	30	25	done	Linked List	typo	-			
leetcode	121	295	2020-10-04	C	20	128	Longest Consecutive Sequence	2	43	28	done	Hash Table	corner case arr = []	-			
leetcode	122	294	2020-10-05	C	20	68	Test Justification	7	94	94	done	String	1. Compile err 2. Ambiguous Q description...	-		learn an even divide trick (w/ v)	
leetcode	123	293	2020-10-06	B	15	36	Valid Sudoku	15	36	35	done	Hash table	1. missing 2. wrong input	todo			
leetcode	124	292	2020-10-07	B	15	15	3Sum	3	59	54	done	3sum	lle	read other's code	-		
leetcode	125	291	2020-10-08	A	10	14	Longest Common Prefix	3	27	27	done	String	use min(<Tv>) instead of min()	-			
leetcode	126	290	2020-10-09	A	10	7	Reverse Integer	5	60	70	done	Math	1. c++ operator precedence 2. Read instruction carefully	-			
leetcode	127	289	2020-10-10	B	15	1230	Toss Strange Coins	10	36	66	done	1. dp	logic error	more dp	ext		
leetcode	128	288	2020-10-11	B	15	838	Push Dominoes	5	37	42	done	1. two pointer	logic error	todo	ext		
leetcode	129	287	2020-10-12	A	10	1025	Divisor Game	1	11	1	done	1. dp	none	todo	ext		
leetcode	130	286	2020-10-13	B	15	256	Paint House	2	10	0	done	1. dp	1. miss input array size == 0	todo	ext		
leetcode	131	285	2020-10-14	B	15	198	House Robber	1	10	0	done	1. dp	none	todo	ext		
leetcode	132	284	2020-10-15	A	10	746	Min Cost Climbing Stairs	1	5	0	done	1. dp	none	todo	ext		
leetcode	133	283	2020-10-16	B	15	983	Minimum Cost For Tickets	1	30	15	done	1. dp	none	todo	ext		
leetcode	134	282	2020-10-17	A	10	303	Range Sum Query - Immutable	1	3	0	done	1. dp	none	todo	ext		
leetcode	135	281	2020-10-18	B	15	304	Range Sum Query 2D - Immutable	2	15	5	done	1. dp	1. m, n can be zero.	todo	ext		
leetcode	136	280	2020-10-19	A	10	392	Is Subsequence	1	15	5	done	1. dp	2. greedy	todo	ext		
leetcode	137	279	2020-10-20	B	15	276	Paint Fence	2	15	5	done	1. dp	1. missing a corner case	todo	ext		
leetcode	138	278	2020-10-21	A	10	21	Merge Two Sorted Lists	1	5	0	done	lists	none	done	todo		
leetcode	139	277	2020-10-22	B	15	1314	Matrix Block Sum	5	20	25	done	1. dp	Index error	todo	ext		
leetcode	140	276	2020-10-23	B	15	2	Add Two Numbers	1	10	0	done	1. linked list	1. use multipl instead of NULL	read_sol	todo		
leetcode	141	275	2020-10-24	B	15	253	Meeting Rooms II	2	12	2	done	1. interval overlap	1. input array may be empty 1. lambda function should not have name... 2. priority queue use greater to invert	done			
leetcode	142	274	2020-10-25	B	15	91	Decode Ways	2	15	5	done	1. dp	1. missing convert one digit limit must be 1-9.	todo	ext		
leetcode	143	273	2020-10-26	B	15	152	Maximum Product Subarray	3	30	25	done	1. greedy	1. logic error	todo	ext		
leetcode	144	272	2020-10-27	A	10	20	Valid Parentheses	1	10	0	done	1. string	2. stack must not be empty	done	todo		
leetcode	145	271	2020-10-28	B	15	322	Coin Change	1	17	2	done	Dynamic Programming	wrong init vec size	done	try bottom-up approach		
leetcode	146	270	2020-10-29	B	15	300	Longest Increasing Subsequence	5	60	65	done	1. dp	2. bi search	1. implementation error	todo	ext	
leetcode	147	269	2020-10-30	A	10	121	Best Time to Buy and Sell Stock	1	4	0	done	1. array	none	done	todo		
leetcode	148	268	2020-10-31	B	15	64	Minimum Path Sum	2	15	5	done	1. dp	1. read description more carefully	todo	ext		
leetcode	149	267	2020-11-01	B	15	951	Flip Equivalent Binary Trees	2	12	2	done	1. tree	1. miss tree traverse NULL leaf detection	done	-		
leetcode	150	266	2020-11-02	B	15	96	Unique Binary Search Trees	2	10	0	done	1. dp	1. logic flaw	todo	ext		
leetcode	151	265	2020-11-03	B	15	279	Perfect Squares	1	12	0	done	1. dp	none	todo	ext		
leetcode	152	264	2020-11-04	C	20	124	Binary Tree Maximum Path Sum	1	10	0	done	1. tree	2. dfs	-	done	-	
leetcode	153	263	2020-11-05	B	15	647	Palindromic Substrings	3	23	18	done	1. dp	logic flaw	todo	ext		
leetcode	154	262	2020-11-06	B	15	200	Number of Islands	1	7	0	done	1. dfs	1. dfs	done	todo		
leetcode	155	261	2020-11-07	B	15	698	Partition to K Equal Sum Subsets	20	120	100	done	1. dp	none	todo	ext		
leetcode	156	260	2020-11-08	A	10	543	Diameter of Binary Tree	1	5	0	done	1. tree	typing error	done	todo		
leetcode	157	259	2020-11-09	B	15	474	Ones and Zeros	5	60	65	done	1. dp	1. read problem carefully	done	ext		
leetcode	158	258	2020-11-10	B	15	17	Letter Combinations of a Phone Number	2	16	0	done	backtracking	empty input not handled	read_sol	todo		
leetcode	159	257	2020-11-11	C	20	887	Super Egg Drop I	20	90	100	done	1. dp	2. bi search	todo	ext		
leetcode	160	256	2020-11-12	B	15	56	Merge Intervals	1	7	0	done	1. array	2. sort	1. lambda function does not need name.	done	1. think about unicode characters	
leetcode	161	255	2020-11-13	A	10	852	Peak Index in a Mountain Array	1	6	0	done	1. binary search	none	read_sol	1. Golden-section search		
leetcode	162	254	2020-11-14	B	15	516	Longest Palindromic Subsequence	20	60	100	done	1. dp	logic error	todo	ext		
leetcode	163	253	2020-11-15	B	15	343	Integer Break	1	15	0	done	1. dp	none	todo	ext		
leetcode	164	252	2020-11-16	A	10	242	Valid Anagram	1	5	0	done	1. anagram	2. hash map	none	read_sol	todo	
leetcode	165	251	2020-11-17	A	10	674	Longest Continuous Increasing Subsequence	2	10	5	done	1. dp	err_note	done	ext		
leetcode	166	250	2020-11-18	B	15	159	Longest Substring with At Most Two Distinct Characters	1	20	5	done	1. moving window	none	done	todo		
leetcode	167	249	2020-11-19	C	20	312	Burst Balloons	1	50	30	done	dp	1. no idea	top-down approach	ext		
leetcode	168	248	2020-11-20	B	15	55	Jump Game	1	10	0	done	1. greedy	none	done	todo		
leetcode	169	247	2020-11-21	C	20	1335	Minimum Difficulty of a Job Schedule	2	55	40	done	1. dp	Wrong initialization	none	-		
leetcode	170	246	2020-11-22	B	15	833	Find And Replace in String	2	21	11	done	string	index update rule miss 1. c++ lambda function 2. string compare method	done	-		
leetcode	171	245	2020-11-23	C	20	1235	Maximum Profit in Job Scheduling	10	120	100	done	1. dp	1. TLE	todo	ext		
leetcode	172	244	2020-11-24	A	10	344	Reverse String	1	2	0	done	recursion	none	done	todo		
leetcode	173	243	2020-11-25	C	20	1531	String Compression II	10	120	100	done	1. dp	lle	todo	ext		
leetcode	174	242	2020-11-26	B	15	24	Swap Nodes in Pairs	1	5	0	done	1. recursion	none	done	todo		
leetcode	175	241	2020-11-27	A	10	206	Reverse Linked List	2	5	0	done	1. recursion	1. return wrong pointer	done	todo		
leetcode	176	240	2020-11-28	C	20	72	Edit Distance	1	17	0	done	1. dp	none	try bottom-up and speed up	ext		
leetcode	177	239	2020-11-29	C	20	1326	Minimum Number of Taps to Open to Water a Garden	5	60	60	done	1. dp	1. problem misunderstanding	done	Similar to (45. Jump Game II)		
leetcode	178	238	2020-11-30	A	10	700	Search in a Binary Search Tree	1	4	0	done	Binary Search Tree	none	done	todo		
leetcode	179	237	2020-12-01	A	10	70	Climbing Stairs	1	5	0	done	1. dp	2. recursion	none	done	try log(N) approach	
leetcode	180	236	2020-12-02	C	20	45	Jump Game II	1	25	5	done	1. greedy	none	todo	ext		
leetcode	181	235	2020-12-03	B	15	131	Palindrome Partitioning	10	45	75	done	1. dp	2. string	1. backtracking is my weakpoint 2. how to deduce backtracking complexity	todo	ext	
leetcode	182	234	2020-12-04	B	15	50	Pow(x, n)	2	10	0	done	1. recursion	int value overflow	done	todo		
leetcode	183	233	2020-12-05	C	20	115	Distinct Subsequences	2	15	0	done	1. dp	1. int overflow	todo	ext		
leetcode	184	232	2020-12-06	A	10	100	Same Tree	1	5	0	done	1. iteratively recursive	none	done	todo		
leetcode	185	231	2020-12-07	C	20	741	Cherry Pickup	2	90	75	done	1. dp	1. no valid return value should be 0 not -1.	todo	ext		
leetcode	186	230	2020-12-08	B	15	94	Binary Tree Inorder Traversal	2	11	1	done	1. iteratively recursive	none	done	1. redo iterative approach 2. Morris Traversal		
leetcode	187	229	2020-12-09	C	20	871	Minimum Number of Refueling Stops	1	11	0	done	1. priority_queue	none	todo	ext		
leetcode	188	228	2020-12-10	B	15	46	Permutations	1	6	0	done	1. backtracking	none	done	todo		
leetcode	189	227	2020-12-11	C	20	44	Wildcard Matching	5	37	37	done	1. pattern match 2. string	3. dp	1. misunderstand problem 2. read all sample input first.	todo	ext	
leetcode	190	226	2020-12-12	A	10	1	Two Sum	1	2	0	done	Hash Table	none	done	todo		
leetcode	191	225	2020-12-13	C	20	32	Longest Valid Parentheses	3	58	48	done	1. parenthesis	1. may need update max outside of while loop	todo	ext		
leetcode	192	224	2020-12-14	B	15	12	Integer to Roman	2	20	10	done	1. parsing	2. missused mod vs division	done	todo		
leetcode	193	223	2020-12-15	A	10	53	Maximum Subarray	5	13	23	done	1. dp	implementation error	363. Max Sum of Rectangle No Larger Than K	todo		
leetcode	194	222	2020-12-16	B	15	49	Group Anagrams	1	8	0	done	1. string	none	done	todo		
leetcode	195	221	2020-12-17	C	20	363	Max Sum of Rectangle No Larger Than K	5	90	90	done	1. dp	2. maximum subarray with limit	todo	ext		
leetcode	196	220	2020-12-18	A	10	268	Missing Number	1	3	0	done	1. math	2. xor	none	done	todo	
leetcode	197	219	2020-12-19	A	10	387	First Unique Character in a String	1	4	0	done	1. hash table	none	done	todo		
leetcode	198	218	2020-12-20	B	15	222	Count Complete Tree Nodes	1	47	32	done	1. binary search	 2. free	1. level counting error	-	-	
leetcode	199	217	2020-12-21	A	10	819	Most Common Word	3	23	23	done	1. string hash	1. wrong PJ[]	done	todo		
leetcode	200	216	2020-12-22	B	15	394	Decode String	2	29	19	done	parser	1. Not clear about LL parser 2. a find_first_of "c", pos 3. read example more carefully 4. isalpha (int c) 5. return ++i return ++i	-	-		
leetcode	201	215	2020-12-23	C	20	486	Robot Room Cleaner	8	65	80	done	dfs	none	-	-		
leetcode	202	214	2020-12-24	B	15	22	Generate Parentheses	2	12	2	done	1. backtrack	none	done	todo		
leetcode	203	213	2020-12-25	C	20	425	Word Squares	1	43	23	done	1. string	2. unordered map 3. backtracking	none	todo	ext	
leetcode	204	212	2020-12-26	B	15	47	Permutations II	2	10	0	done	1. backtrack	1. none	done	todo		
leetcode	205	211	2020-12-27	A	10	704	Binary Search	1	7	0	done	1. binary search	none	done	todo		
leetcode	206	210	2020-12-28	C	20	212	Word Search II	2	51	36	done	1. string	2. backtracking	1. not familiar with backtracking	todo	ext	
leetcode	207	209	2020-12-29	A	10	278	First Bad Version	2	8	3	done	1. binary search	none	done	todo		
leetcode	208	208	2020-12-30	C	20	4	Median of Two Sorted Arrays	20	120	100	done	1. merge sorted array 2. binary search	none	todo	ext		
leetcode	209	207	2020-12-31	B	15	426	Convert Binary Search Tree to Sorted Doubly Linked List	1	27	12	done	1. divide and conquer	none	done	1. try inorder recursive method		
leetcode	210	206	2021-01-01	B	15	34	Find First and Last Position of Element in Sorted Array	2	16	6	done	1. binary search	none	done	todo		
leetcode	211	205	2021-01-02	B	15	5	Generate and Operate Binary Tree	2	20	10	done	1. string	2. dp	1. O(n) solution is hard...	try O(n)	ext	
leetcode	212	204	2021-01-03	B													

source	cnt	rev	date	Level	Difficulty	id	prob_name	try	time	readiness	read sol	topics	Reflection	todo	ext	
leetcode	234	182	2021-01-25	B	15	240	Search a 2D Matrix II	3	19	14	done	1. bi search 2. designed	1. lower_bound val >= T upper_bound val > T	todo	ext	
leetcode	235	181	2021-01-26	C	20	52	N-Queens II	1	10	0	done	1. backtrack	1. unordered_set use erase	todo	ext	
leetcode	236	180	2021-01-27	C	20	37	Sudoku Solver	5	49	49	done	1. recursive 2. backtracking	1. wrong block index access	todo	ext	
leetcode	237	179	2021-01-28	C	20	84	Largest Rectangle in Histogram	5	50	50	done	1. recursive 2. segmentation tree	1. wrong termination criteria $i - r <= 1$	todo	ext	
leetcode	238	178	2021-01-29	B	15	8	String to Integer (atoi)	10	49	79	done	1. string to int 2. parser	1. int compare function error	todo	ext	
leetcode	239	177	2021-01-30	B	15	165	Compare Version Numbers	20	50	100	done	1. parsing		todo	ext	
leetcode	240	176	2021-01-31	B	15	79	Word Search	4	17	17	done	1. backtrack	1. not labeled visited	todo	ext	
leetcode	241	175	2021-02-01	C	20	301	Remove Invalid Parentheses	3	60	50	done	1. backtrack	1. unfamiliar with backtracking implementation	-	-	
leetcode	242	174	2021-02-02	C	20	10	Regular Expression Matching	15	47	97	done	1. recursion	miss "1" can match	todo	ext	
leetcode	243	173	2021-02-03	B	15	78	Subsets	5	10	15	done	1. backtrack	read problem more carefully	todo	ext	
leetcode	244	172	2021-02-04	B	15	247	Strobogrammatic Number II	15	16	21	done	1. backtrack	misunderstand problem	todo	ext	
leetcode	245	171	2021-02-05	A	10	69	Sort(x)	6	15	30	done	1. binary search	1. integer overflow 2. division by zero 	todo	ext	
leetcode	246	170	2021-02-06	B	15	153	Find Minimum in Rotated Sorted Array	20	90	100	done	1. binary search	1. binary check condition is not applicable when left, right are too close. 2. check termination criteria at while loop beginning	todo	ext	
leetcode	247	169	2021-02-07	B	15	162	Find Peak Element	7	60	75	done	Binary Search	1. Wrong proof 2. Miss INT_MIN corner case	try iterative bi search	-	
leetcode	248	168	2021-02-08	A	10	270	Closest Binary Search Tree Value	5	16	26	done	binary search tree traversal	type unmatched error numeric_limits<double>::min() is the smallest positive value of double (not negative)	-	-	
leetcode	249	167	2021-02-09	A	10	350	Intersection of Two Arrays II	5	30	40	done	1. hash map 2. binary search 3. set intersection	misunderstand problem setting the binary search count speed is not good enough	todo	ext	
leetcode	250	166	2021-02-18	C	20	719	Find K-th Smallest Pair Distance	15	50	100	done	1. binary search	1. wrong direction 2. error in binary search eq.	todo	ext	
leetcode	251	165	2021-02-19	B	15	949	Largest Time for Given Digits	2	16	6	done	1. binary search	condition early return	todo	ext	
leetcode	252	164	2021-02-19	B	15	307	Range Sum Query - Mutable	2	19	9	done	1. segmentatation tree	1. compile error	-	-	
leetcode	253	163	2021-02-20	B	15	912	Sort an Array	2	19	9	done	1. segmentatation tree	review segmentatation tree	redo seg tree / try fast version	ext	
leetcode	254	162	2021-02-20	C	20	463	Reverse Pairs	15	43	8	done	1. quick sort				
leetcode	255	161	2021-02-20	A	10	28	Implement strStr()	4	14	19	done	1. KMP algo	2 * x is smaller than x if x is negative	1. rolling hash	ext	
leetcode	256	160	2021-02-22	B	15	1486	Reader Routes to Make All Paths Lead to the City Zero	4	15	15	done	graph	1. jump table design flaw			
leetcode	257	159	2021-02-22	B	15	1237	Find Positive Integer Solution for a Given Equation	2	30	20	done	binary search				
leetcode	258	158	2021-02-22	B	15	353	Design Snake Game	6	40	50	done	1. hash table	1. miss body hit case 2. miss next goto location is tail case	todo	ext	
leetcode	259	157	2021-02-23	A	10	edu6A	Professor GukiZ's Robot	1	6	0	done	binary search tree				
leetcode	260	156	2021-02-23	A	10	1736	Latest Time by Replacing Hidden Digits	4	17	22	done	1. backtrack				
leetcode	261	155	2021-02-23	A	10	459	Repeated Substring Pattern	1	10	0	done	string	1. try too complicated method	-	-	built longest proper prefix
leetcode	262	154	2021-02-23	B	15	162	Find Peak Element	2	10	0	done	Binary Search	1. Wrong proof 2. Miss INT_MIN corner case	try iterative bi search	-	
codeforce	263	153	2021-02-25	E	35	edu7E	Ants in Leaves	3	77	52	done	1. dfs 2. tree 3. new 4. sort 5. greedy				
codeforce	264	152	2021-02-25	D	25	edu7O	Optimal Number Permutation	4	72	62	done					
codeforce	265	151	2021-02-25	C	20	edu7C	Not Equal on a Segment	4	57	52	done					
codeforce	266	150	2021-02-25	B	15	edu7B	The Time	1	8	0	done					
codeforce	267	149	2021-02-25	A	10	edu7A	Infinite Sequence	1	18	8	done					
codeforce	268	148	2021-02-26	E	35	edu8E	Zhaxi in Zeydabad	1	120	85	done	dp, Fenwick tree				
codeforce	269	147	2021-02-26	D	25	edu8D	Magic Numbers	1	120	96	done	dp				
codeforce	270	146	2021-02-26	C	20	edu8C	Bear and String Distance	1	32	12	done					
codeforce	271	145	2021-02-26	B	15	edu8B	New Skateboard	1	19	4	done					
codeforce	272	144	2021-02-26	A	10	edu8A	Tennis Tournament	1	14	4	done					
codeforce	273	143	2021-02-28	D	25	edu8D	Longest Subsequence	1	54	29	done					
codeforce	274	142	2021-02-28	C	20	edu8C	The Smallest String Concatenation	1	120	100	done					
codeforce	275	141	2021-02-28	B	15	edu8B	Alice, Bob, Two Teams	1	17	2	done					
codeforce	276	140	2021-02-28	A	10	edu8A	Goodwin Laura and Apple	1	19	9	done					
codeforce	277	139	2021-03-01	D	25	edu1D	Number of Parallelograms	2	40	20	done					
codeforce	278	138	2021-03-01	C	20	edu1C	Hard Process	1	29	9	done					
codeforce	279	137	2021-03-01	B	15	edu1B	Seating On Bus	1	17	2	done					
codeforce	280	136	2021-03-01	A	10	edu1A	Ce-prime Array	1	25	15	done					
codeforce	281	135	2021-03-01	D	25	edu1D	Nested Segments	1	120	96	done					
codeforce	282	134	2021-03-01	C	20	edu1C	Five Pairs	1	52	32	done					
codeforce	283	133	2021-03-01	B	15	edu1B	z-sort	1	15	0	done					
codeforce	284	132	2021-03-01	A	10	edu1A	Gabriel and Caterpillar	1	17	7	done					
codeforce	285	131	2021-03-02	D	25	edu1D	Simple Subset	2	120	100	done	1. math				
codeforce	286	130	2021-03-02	C	20	edu1C	Simple Strings	1	11	0	done					
codeforce	287	129	2021-03-02	B	15	edu1B	Shopping	1	21	21	done					
codeforce	288	128	2021-03-02	A	10	edu1A	Busess Between Cities	2	70	66	done					
codeforce	289	127	2021-03-02	C	20	edu1C	1D Sokoban	3	60	50	done					
codeforce	290	126	2021-03-02	B	15	edu1B	Berland Crossword	2	30	20	done					
codeforce	291	125	2021-03-02	A	10	edu1A	ABC-String	1	18	8	done					
codeforce	292	124	2021-03-04	D	25	edu1D	Iterated Linear Function	20	160	100	done	1. math	1. s*(p-1) = 1			
codeforce	293	123	2021-03-04	C	20	edu1C	Joty and Chocolate	2	11	0	done	1. god				
codeforce	294	122	2021-03-04	B	15	edu1B	The Same Calendar	2	12	2	done	1. math				
codeforce	295	121	2021-03-04	A	10	edu1A	Johnny Likes Numbers	1	5	0	done	1. math				
codeforce	296	120	2021-03-05	D	25	edu1D	Swaps in Permutation	5	60	55	done	1. union_set 2. priority_queue	1. lie due to poor implementation by trying update pq in priority_queue			
codeforce	297	119	2021-03-05	C	20	edu1C	Exponential notation	20	60	100	done	1. parsing	1. wrong at case 10 which i output 1E			
codeforce	298	118	2021-03-05	B	15	edu1B	s-palindrome	10	30	60	done	1. string	1. not familiar with mirror char 2. wrong condition for middle one			
codeforce	299	117	2021-03-05	A	10	edu1A	Fashion in Berland	2	5	0	done					
leetcode	300	116	2021-03-08	B	15	518	Coin Change 2	3	43	38	done					
leetcode	301	115	2021-03-08	B	15	146	LRU Cache	3	13	8	done					
leetcode	302	114	2021-03-08	A	10	637	Average of Levels in Binary Tree	1	7	0	done					
leetcode	303	113	2021-03-08	B	15	966	Vowel Spellchecker	4	81	81	done	1. string 2. hash map	1. trie tree is overkill			
leetcode	304	112	2021-03-08	C	20	854	K-Similar Strings	20	120	100	done	1. hash map	1. no idea			
codeforce	305	111	2021-03-10	D	25	1496D	Let's go Hiking	3	50	39	done					
codeforce	306	110	2021-03-10	C	20	1496C	Diamond Miner	3	60	0	done					
codeforce	307	109	2021-03-10	B	15	1496B	Max and Mex	1	30	15	done					
codeforce	308	108	2021-03-10	A	10	1496A	Split It!	1	15	5	done					
codeforce	309	107	2021-03-10	C	20	919C	Seat Arrangements	1	10	0	done					
codeforce	310	106	2021-03-11	D	25	702D	Road to Post Office	2	26	6	done					
codeforce	311	105	2021-03-11	C	20	702C	Cellular Network	3	14	0	done					
codeforce	312	104	2021-03-11	B	15	702B	Powers of Two	3	27	22	done					
codeforce	313	103	2021-03-11	A	10	702A	Maximum Increase	2	5	0	done					
codeforce	314	102	2021-03-11	D	25	510D	Fox And Jumping	2	42	22	done					
codeforce	315	101	2021-03-11	F	45	506D	Mr. Kitayuta's Colorful Graph	3	120	86	done					
codeforce	316	100	2021-03-11	B	15	91362	Permutations	3	75	70	done					
codeforce	317	99	2021-03-12	C	20	505C	Mr. Kitayuta, the Treasure Hunter	20	120	100	done	1. dp	1. lie 2. search space can be smaller due to jump properly			
codeforce	318	98	2021-03-12	C	20	512G	Inversions problem	2	30	15	done					
codeforce	319	97	2021-03-12	B	15	500B	New Year Permutation	2	19	9	done					
codeforce	320	96	2021-03-12	A	10	710A	King Moves	2	5	0	done					
codeforce	321	95	2021-03-12	B	15	710B	Optimal Point on a Line	1	7	0	done					
codeforce	322	94	2021-03-12	C	20	710C	Matrix Grid Square	3	60	50	done					
codeforce	323	93	2021-03-12	D	25	710D	Two Arithmetic Progressions	20	120	100	done					
codeforce	324	92	2021-03-13	A	10	1501A	Alexey and Train	1	20	10	done					
codeforce	325	91	2021-03-13	B	15	1501B	Napoleon Cake	3	20	15	done					
codeforce	326	90	2021-03-13	C	20	1501C	Going Home	20	120	100	done					
codeforce	327	89	2021-03-15	D	25	516D	A and B and Interesting Substrings	2	25	5	done					
codeforce	328	88	2021-03-15	D	25	573B	Bear and Blocks	20	120	100	done					
codeforce	329	87	2021-03-15	A	10	762A	k-th divisor	1	12	2	done					
codeforce	330	86	2021-03-15	B	15	762B	USB vs. PS/2	2	15	5	done					

	cnt	rev	date	Level	Difficulty	id	prob_name	try	time	readiness	read sol	topics	Reflection	todo	ext
codeforce	361	55	2021-03-27	E	35	576E	Points on Plane	2	120	90	done				
codeforce	362	54	2021-03-27	E	35	582E	Superior Periodic Subarrays	10	120	100	done				
codeforce	363	53	2021-03-28	C	20	590C	Median Smoothing	1	35	15	done				
codeforce	364	52	2021-03-28	D	25	590D	Chip 'n Dale Rescue Rangers	1	120	90	done				
leetcode	365	51	2021-03-28	B	15	1522	Diameter of N-Ary Tree	1	15	0	done				
codeforce	366	50	2021-03-29	E	35	590E	Three States	10	120	100	done				
codeforce	367	49	2021-03-29	C	20	601C	The Two Routes	1	19	0	done				
codeforce	368	48	2021-03-29	D	25	601D	Lupinus Sequence	2	120	100	done				
codeforce	369	47	2021-03-29	E	35	601E	Kendall and the n-thlon	10	120	100	done				
codeforce	370	46	2021-03-30	C	20	613C	Peter and Snow Blower	10	60	85	done	geometry	1. not familiar with geo prob		
codeforce	371	45	2021-03-30	D	25	613D	Skills	10	120	100	done		1. bi search unstable implementation		
codeforce	372	44	2021-03-30	E	35	613E	Necklace	2	120	90	done				
codeforce	373	43	2021-03-31	C	20	1416C	k-Amazing Numbers	2	30	15	done		1. one d[val] -> list of index would be suffice		
codeforce	374	42	2021-03-31	D	25	1416D	Make Them Equal	20	120	100	done				
codeforce	375	41	2021-03-31	E	35	1416E	XOR Inverse	5	60	45	done				
codeforce	376	40	2021-04-01	C	20	1383C	String Transformation 1	3	120	100	done				
codeforce	377	39	2021-04-01	D	25	1383D	GameGame			0					
codeforce	378	38	2021-04-01	E	35	1383E	String Transformation 2			0					
codeforce	379	37	2021-04-06	C	20	1344C	Hilbert's Hotel	1	20	0					
codeforce	380	36	2021-04-06	D	25	1344D	Monopole Magnets	4	60	50					
codeforce	381	35	2021-04-06	E	35	1344E	Quantifier Question	1	120	85	done		1. toposort not familiar		
codeforce	382	34	2021-04-07	C	20	1338C	Powered Addition	2	15	0			2. toposort can be used to detect cycle		
codeforce	383	33	2021-04-07	D	25	1338D	Edge Weight Assignment			0					
codeforce	384	32	2021-04-07	E	35	1338E	Perfect Triples	20	120	100	done				
leetcode	385	31	2021-04-08	C	20	1203	Sort Items by Groups Respecting Dependencies	3	60	50					
leetcode	386	30	2021-04-09	B	15	1631	Path With Minimum Effort	5	40	45			1. still not comfortable with binary search		
leetcode	387	29	2021-04-09	C	20	315	Count of Smaller Numbers After Self	2	25	10			1. link list cycle detection : Floyd's Tortoise and Hare (Cycle Detection)		
leetcode	388	28	2021-04-09	B	15	287	Find the Duplicate Number	1	120	100					
leetcode	389	27	2021-04-09	A	10	53	Maximum Subarray	1	7	0					
leetcode	390	26	2021-04-09	B	15	152	Maximum Product Subarray	2	25	15	done				
leetcode	391	25	2021-04-09	C	20	410	Split Array Largest Sum	10	51	70			1. dp should be clear about update rule 2. dp iteration should be ware of dp size. (invalid mem access) 3. write down the rule can help		
leetcode	392	24	2021-04-09	C	20	410	Split Array Largest Sum	1	10	0	done	1. binary search	1. binary search should consider lo/hi with consistent property (fail / success)		
leetcode	393	23	2021-04-09	B	15	351	Android Unlock Patterns	1	25	10	done	1. backtrack			
leetcode	394	22	2021-04-09	C	20	774	Minimize Max Distance to Gas Station	3	17	7	done	1. binary search			
leetcode	395	21	2021-04-09	C	20	4	Median of Two Sorted Arrays	2	24	9	done	1. bi search			
leetcode	396	20	2021-04-13	C	20	308	Range Sum Query 2D - Mutable	1	17	0	done	1. FT tree	1. not think of 2D ft tree		
leetcode	397	19	2021-04-13	B	15	1334	Find the City With the Smallest Number of Neighbors at a Threshold Distance	2	11	1					
leetcode	398	18	2021-04-13	C	20	218	The Skyline Problem	10	90	100		1. seg tree	1. priority que put largest on the top 1. not familiar with prime & kruskal implementation 2. priority_queue lambda function 3. dfs function design not clear, can easily create bug 1. When # of edges is at the level of O(n^2) node/2), we should consider using a array to store mindist. Not using priority_queue or sort all edges which costs N^2logN/2 1. priority que put largest on the top		
leetcode	399	17	2021-04-14	C	20	1489	Find Critical and Pseudo-Critical Edges in Minimum Spanning Tree	5	110	100		1. mst			
leetcode	400	16	2021-04-14	B	15	1584	Min Cost to Connect All Points	1	10	0	done	1. mst			
leetcode	401	15	2021-04-14	C	20	218	The Skyline Problem	5	40	40		1. seg tree	1. priority que put largest on the top		
leetcode	402	14	2021-04-14	C	20	218	The Skyline Problem			0		1. divide & conquer			
leetcode	403	13	2021-04-15	C	20	411	Minimum Unique Word Abbreviation	10	50	75			1. can not do ato(res[i]), where res is a string 2. string manipulation is not my expertise. Still need to pay lots of attention on designing. 3. substrings, len behavior pos. if this is equal to the string length, the function returns an empty string. if it is greater than the string length, it throws out_of_range. len. A value of string::npos indicates all characters until the end of the string.		
leetcode	404	12	2021-04-15	C	20	685	Redundant Connection II	20	90	100		1. tree	1. not familiar with graph theory 2. binary implementation due to not understand graph 1. directed tree with 1 additional edge 3cases. - point to root (has loop: 1 candidate) 未访问 edge == 1 for all - point to ancestor but not root (has loop: 1 candidate) min indeg == 0 - point to others (no loop: 2 candidate) min indeg == 0 2. Kosaraju's algo : - bug: stack should put child first, then itself		
leetcode	405	11	2021-04-16	C	20	885	Redundant Connection II	5	40	40		1. tree			
leetcode	406	10	2021-04-16	C	20	428	Serialize and Deserialize N-ary Tree	5	27	27					
leetcode	407	9	2021-04-16	C	20	943	Find the Shortest Superstring	20	120	100		1. dp			
leetcode	408	8	2021-04-19	C	20	1168	Optimize Water Distribution in a Village	5	120	100		1. mst	1. The relation between MST & problem is not obvious to me. 2. be ware of initialize global variable, accidentally update the local... 3. Even know to formulate to MST, I use a suboptimal solution with multiple well. Actually, we can achieve it by using one additional node (well) at index 0. 4. Wrong thinking direction, I try to build dag then, brute force scc component.		
leetcode	409	7	2021-04-19	C	20	1192	Critical Connections in a Network	5	37	37		1. tarjan algo	1. not familiar with tarjan algo implementation. 2. create tarjan template 3. tarjan dfs should skip parent if only one connection will exist between 2 nodes.		
leetcode	410	6	2021-04-19	B	15	332	Reconstruct Itinerary	20	120	100		1. Euler algo	1. not familiar with Euler circle 1. bug1: == have high precedence than & 2. wrong update rule - one can link to group1 without increase the number of linked node in group1 - multiple link from a node is allowed - dp[bmask][i] record the mincost of "i->i node in group2 is linked to group1 & bmask group1 is linked" 1. not think of divide and conquer on preSum array 2. be careful with termination criteria divc 3. unsuccessful mix with divc on orig arr & preSum. 4. please revisit master theorem		
leetcode	411	5	2021-04-21	C	20	1595	Minimum Cost to Connect Two Groups of Points	5	44	44		1. hungarian			
leetcode	412	4	2021-04-22	C	20	327	Count of Range Sum	3	28	18	done	1. divide and conquer			
leetcode	413	3	2021-04-22	C	20	514	514. Freedom Trail	3	27	17					
leetcode	414	2	2021-04-24	C	20	321	Create Maximum Number	20	120	100	done	1. dp	1. greedy merge number from two queue 2. dp jump table 3.		
leetcode	415	1	2021-04-26	C	20	639	Decode Ways II	6	45	50	done	1. dp	1. take 1 and take 2 case not separate 2. miss consecutive "" case 3. int "" is overflow 4. dp[i+1] == zero should only skip take 1 not overall update. Think clearly before write.		
leetcode	416	0	2021-04-26	C	20	656	656. Coin Path	2	28	11	done	1. dp	1. wrong update implementation: update when equal with lexical smallest 2. path with len 1 should be consider. - check n-1 is reached from 0		
			2021-04-26	B	15	1062	1062. Longest Repeating Substring	1	28	13	done	1. rolling hash + bisearch			
			2021-04-27	C	20	132	132. Palindrome Partitioning II	2	32	17		1. rolling hash + dp			
			2021-04-27	C	20	564	564. Find the Closest Palindrome	20	90	100	done	1. constructive problem			
			2021-04-28	C	20	745	745. Prefix and Suffix Search	2	22	7	done				



algorithm	pratice	todo
segmentation tree		
quick select	215	
parse [1,2,3,4,5] to array		
quick sort	912	
Binary Indexed Tree, also called Fenwick Tree		493
KMP	28	
suffix array		
Kosaraju's algorithm		
Tarjan algo		
more dp		
題目文字太多可能會沒法理解題目		
doublylink list		
back pack problelm		
array cyclical operation		

