

		#	Might be able to solve without looking at the solution						
Group	Tag	#		Acceptance	Difficulty				
N-Sum	hashtable	1	Two Sum						
	two pointers, hashtable	532	K-diff Pairs in an Array						
	two pointers	167	Two Sum II - Input array is sorted						
	hashtable	170	Two Sum III - Data structure design						
	two pointers, hashtable	15	3Sum						
	two pointers	16	3Sum Closest						
	two pointers	259	3Sum Smaller						
	two pointers	611	Valid Triangle Number						
	two pointers, hashtable	18	4Sum						
	hashtable	454	4Sum II						
Fixed Length, Sliding Window	queue	346	Moving Average from Data Stream						
	two pointer	643	Maximum Average Subarray I						
	heap, deque	239	Sliding Window Maximum						
	heap, median	295	Find Median from Data Stream						
	heap, median	480	Sliding Window Median						
	two pointers, hashmap	438	Find All Anagrams in a String						
	two pointers, hashmap	567	Permutation in String						
	two pointers, hashmap	30	Substring with Concatenation of All Words						
variant length, sliding window	two pointers, hashmap	3	Longest Substring Without Repeating Characters						
	regular expression	395	Longest Substring with At Least K Repeating Characters						
	two pointers	159	Longest Substring with At Most Two Distinct Characters						
	two pointers	340	Longest Substring with At Most K Distinct Characters						
	two pointers	424	Longest Repeating Character Replacement						
	two pointers, subsequence	524	Longest Word in Dictionary through Deleting						
	two pointers	76	Minimum Window Substring						
	two pointers	209	Minimum Size Subarray Sum						
subarray sum	hashmap	325	Maximum Size Subarray Sum Equals k						
	hashmap	525	Contiguous Array						
	hashmap	523	Continuous Subarray Sum						
Array, Organization	hashmap	560	Subarray Sum Equals K						
	two pointers	26	Remove Duplicates from Sorted Array						
	two pointers	80	Remove Duplicates from Sorted Array II						
	two pointers	27	Remove Element						
	two pointers	283	Move Zeros						
	two pointers	88	Merge Sorted Array						
Water Catch	pointers, counting	75	Sort Colors						
	two pointers	11	Container With Most Water						
	two pointers	42	Trapping Rain Water						
	stack	84	Largest Rectangle in Histogram						
	stack	85	Maximal Rectangle						
Circle	heap	407	Trapping Rain Water II						
	fast and slow	141	Linked List Cycle						
	fast and slow	142	Linked List Cycle II						
	fast and slow	287	Find the Duplicate Number		n(logn) by binary search, or O(n) by fast and slow two pointers				
Remove Node from Linked List		160	Intersection of Two Linked Lists		can solve elegently by connect AB and BA				
		237	Delete Node in a Linked List		do not need to change every node				
		83	Remove Duplicates from Sorted List						
		82	Remove Duplicates from Sorted List II						
		203	Remove Linked List Elements						
move nodes		19	Remove Nth Node From End of List						
		61	Rotate Lists		corner case: k = 0, < 0, =m * len(list)				
		86	Partition List						
		328	Odd Even Linked List		can have short, elegant solution				
		206	Reverse Linked List		dummy.next, node.next, node = node, dummy.next, node.next				
		92	Reverse Linked List II		every time, from the old node, we remove head into the newhead, update both head and newhead				
		21	Merge Two Sorted Lists		keep, pre and m-th, insert (m+1) to n nodes between pre and pre.next				
		23	Merge k Sorted Lists						

ab to 12		52	N-Queens II	43.80%	Hard					
		351	Android Unlock Patterns	43.20%	Medium					
	string	205	Isomorphic Strings	33.20%	Easy					
	string	290	Word Pattern	32.60%	Easy					
	string	291	Word Pattern II	37.80%	Hard	backtracking to test different length				
	string	468	Validate IP Address	20.20%	Medium					
	string	93	Restore IP Addresses	26.60%	Medium					
	string	526	Beautiful Arrangement	54.10%	Medium					
	string	131	Palindrome Partitioning	32.00%	Medium					
	string	132	Palindrome Partitioning II	23.80%	Hard	dp				
		79	Word Search	26.10%	Medium	can early return instead of set a flag				
		212	Word Search II	22.90%	Hard					
		127	Word Ladder	19.30%	Medium					
		126	Word Ladder II	13.90%	Hard					
		422	Valid Word Square	36.30%	Easy					
abbreviation		425	Word Squares	42.60%	Hard					
		408	Valid Word Abbreviation	27.60%	Easy					
		288	Unique Word Abbreviation	16.10%	Medium	hashtable				
		320	Generalized Abbreviation	44.30%	Medium					
		411	Minimum Unique Word Abbreviation	31.80%	Hard	brute force?				
		527	Word Abbreviation	34.80%	Hard	not a bt				
		282	Expression Add Operators	29.30%	Hard					
	679	24 Game	38.60%	Hard						
Dynamic Programming (try to save space)										
		53	Maximum Subarray	39.20%	Easy					
	traverse	152	Maximum Product Subarray	25.10%	Medium					
		238	Product of Array Except Self	48.20%	Medium	two pass, pay attention to the index in each side				
		traverse	581	Shortest Unsorted Continuous Subarray	28.30%	Easy				
stock dp		303	Range Sum Query - Immutable	28.00%	Easy					
		304	Range Sum Query 2D - Immutable	24.00%	Medium	range matters				
		121	Best Time to Buy and Sell Stock	40.30%	Easy					
		122	Best Time to Buy and Sell Stock II	46.30%	Easy					
		123	Best Time to Buy and Sell Stock III	28.80%	Hard	There is a one pass dp using O(1) space				
		188	Best Time to Buy and Sell Stock IV	24.10%	Hard	Need to think clearly how the dp works				
		309	Best Time to Buy and Sell Stock with Cooldown	40.20%	Medium					
		70	Climbing Stairs	39.30%	Easy	sn = sn-1 + sn-2, s0 = 1, s1 = 0				
O(n) DP, can do O(1) Space		91	Decode Ways	19.30%	Medium	a lot of corner cases				
		639	Decode Ways II	18.90%	Hard					
		198	House Robber	38.20%	Easy					
		213	House Robber II	33.50%	Medium					
		337	House Robber III	42.60%	Medium	indeed can do a postorder with another stack				
		256	Paint House	45.90%	Easy					
		265	Paint House II	37.70%	Hard					
		276	Paint Fence	34.20%	Easy					
O(n) DP but need to check all possible position before		494	Target Sum	43.80%	Medium					
		300	Longest Increasing Subsequence	37.90%	Medium	have a O(nlogn) solution				
		673	Number of Longest Increasing Subsequence	30.80%	Medium					
		96	Unique Binary Search Trees	40.40%	Medium					
		95	Unique Binary Search Trees II	31.00%	Medium					
		279	Perfect Squares	36.00%	Medium					
		322	Coin Change	26.20%	Medium					
		343	Integer Break	45.50%	Medium					
		139	Word Break	29.20%	Medium					
		140	Word Break II	22.70%	Hard					
M*N path O(M) space		120	Triangle	33.10%	Medium					
		62	Unique Paths	40.20%	Medium	O(min(m, n)) space, best performance if we dp on the short direction				
		63	Unique Paths II	31.30%	Medium					
		562	Longest Line of Consecutive One in Matrix	36.30%	Medium					
		221	Maximal Square	28.00%	Medium					
		64	Minimum Path Sum	37.80%	Medium					
		174	Dungeon Game	23.40%	Hard					
		568	Maximum Vacation Days	40.20%	Hard					
		551	Student Attendance Record I	44.20%	Easy					
		552	Student Attendance Record II	27.70%	Hard	N * (2^3)				
M*N path M*N Space		361	Bomb Enemy	38.60%	Medium					

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	gcd	365	Water and Jug Problem	26.70%	Medium								
	gcd	149	Max Points on a Line	15.40%	Hard								
		249	Group Shifted Strings	40.30%	Medium								
		187	Repeated DNA Sequences	30.60%	Medium								
word distance not edit distance	traverse	243	Shortest Word Distance	51.60%	Easy	just traverse the word list, update the distance, the initial set is important							
		244	Shortest Word Distance II	36.30%	Medium								
	traverse	245	Shortest Word Distance III	49.80%	Medium	only need to slightly modify 243							
		387	First Unique Character in a String	46.40%	Easy								
		594	Longest Harmonious Subsequence	36.20%	Easy								
		423	Reconstruct Original Digits from English	43.20%	Medium								
		451	Sort Characters By Frequency	50.60%	Medium								
		500	Keyboard Row	60.30%	Easy								
		575	Distribute Candies	0.648	Easy								
		554	Brick Wall	41.60%	Medium								
		274	H-Index	32.70%	Medium								
		275	H-Index II	33.90%	Medium								
		609	Find Duplicate File in System	54.80%	Medium								
		336	Palindrome Pairs	25.60%	Hard								