S.No		
	1-D DP	
1	[Divisor Game](https://leetcode.com/problems/divisor-game/)	https://leetcode.com/problems/divisor-game/
2	[Counting Bits](https://leetcode.com/problems/counting-bits)	https://leetcode.com/problems/counting-bits
3	[Count Numbers with Unique Digits](https://leetcode.com/problems/count-numbers-with-unique-digits)	https://leetcode.com/problems/count-numbers-with-unique-digits
4	[Wiggle Subsequence](https://leetcode.com/problems/wiggle-subsequence)	https://leetcode.com/problems/wiggle-subsequence
5	[Maximum Length of pair chain](https://leetcode.com/problems/maximum-length-of-pair-chain)	https://leetcode.com/problems/maximum-length-of-pair-chain
6	[Delete and earn](https://leetcode.com/problems/delete-and-earn)	https://leetcode.com/problems/delete-and-earn
7	[Domino and tromino tiling](https://leetcode.com/problems/domino-and-tromino-tiling)	https://leetcode.com/problems/domino-and-tromino-tiling
8	[Partition array of maximum sum](https://leetcode.com/problems/partition-array-for-maximum-sum)	https://leetcode.com/problems/partition-array-for-maximum-sum
9	[Longest arithmetic subseuence of given difference](https://leetcode.com/problems/longest-arithmetic-subsequence-of-given-difference)	https://leetcode.com/problems/longest-arithmetic-subsequence-of-given-difference
10	[Greatest Sum Divisible by three](https://leetcode.com/problems/greatest-sum-divisible-by-three)	https://leetcode.com/problems/greatest-sum-divisible-by-three
11	[Student Attendance record 2](https://leetcode.com/problems/student-attendance-record-ii)	https://leetcode.com/problems/student-attendance-record-ii
12	[Decode Ways 2](https://leetcode.com/problems/decode-ways-ii)	https://leetcode.com/problems/decode-ways-ii
13	[Triples with bitwise and equal to zero](https://leetcode.com/problems/triples-with-bitwise-and-equal-to-zero)	https://leetcode.com/problems/triples-with-bitwise-and-equal-to-zero
14	[Maximum Profit in job scheduling](https://leetcode.com/problems/maximum-profit-in-job-scheduling)	https://leetcode.com/problems/maximum-profit-in-job-scheduling
15	[Minimum number of taps to open to water a garden](https://leetcode.com/problems/minimum-number-of-taps-to-open-to-water-a-garden)	https://leetcode.com/problems/minimum-number-of-taps-to-open-to-water-a-garden
16	[Count all valid pickups](https://leetcode.com/problems/count-all-valid-pickup-and-delivery-options)	https://leetcode.com/problems/count-all-valid-pickup-and-delivery-options
17	[Stone game 3](https://leetcode.com/problems/stone-game-iii)	https://leetcode.com/problems/stone-game-iii
18	[Restore the array](https://leetcode.com/problems/restore-the-array)	https://leetcode.com/problems/restore-the-array
19	[Form largest integer with digits](https://leetcode.com/problems/form-largest-integer-with-digits-that-add-up-to-target)	https://leetcode.com/problems/form-largest-integer-with-digits-that-add-up-to-target
20	[Stone game 4](https://leetcode.com/problems/stone-game-iv)	https://leetcode.com/problems/stone-game-iv
	DP Range Questions(MIN and MAX)	
21	[Minimum Path Sum](https://leetcode.com/problems/maximal-square)	https://leetcode.com/problems/maximal-square
22	[Triangle](https://leetcode.com/problems/triangle)	https://leetcode.com/problems/triangle
23	[Dungeon Game](https://leetcode.com/problems/dungeon-game)	https://leetcode.com/problems/dungeon-game
24	[Perfect Squares](https://leetcode.com/problems/perfect-squares)	https://leetcode.com/problems/perfect-squares

25	Coin Change	https://leetcode.com/problems/coin-change	
26	Ones and Zeroes	https://leetcode.com/problems/ones-and-zeroes	
27	2 Keys Keyboard	https://leetcode.com/problems/2-keys-keyboard	
28	Min Cost Climbing Stairs	https://leetcode.com/problems/min-cost-climbing-stairs	
29	Minimum Number of Refueling Stops	https://leetcode.com/problems/minimum-number-of-refueling-stops	
30	Minimum Falling Path Sum	https://leetcode.com/problems/minimum-falling-path-sum	
31	Last Stone Weight II	https://leetcode.com/problems/last-stone-weight-ii	
32	Tiling a Rectangle with the Fewest Squares	https://leetcode.com/problems/tiling-a-rectangle-with-the-fewest-squares	
	Knapsack		
33	minimum-cost-to-cut-a-stick	https://leetcode.com/problems/minimum-cost-to-cut-a-stick/	
34	coin-change-2	https://leetcode.com/problems/coin-change-2/	
35	combination-sum-iv	https://leetcode.com/problems/combination-sum-iv/	
36	minimum-cost-for-tickets	https://leetcode.com/problems/minimum-cost-for-tickets/	
37	ones-and-zeroes	https://leetcode.com/problems/ones-and-zeroes/	
38	integer-break	https://leetcode.com/problems/integer-break/	
39	House Robber II	https://leetcode.com/problems/house-robber-ii	
40	Shopping Offers	https://leetcode.com/problems/shopping-offers	
41	Profitable Schemes	https://leetcode.com/problems/profitable-schemes	
42	Tallest Billboard	https://leetcode.com/problems/tallest-billboard	
43	Pizza with 3n Slices	https://leetcode.com/problems/pizza-with-3n-slices	
44	Reducing Dishes	https://leetcode.com/problems/reducing-dishes	
45	Best Team With No Conflicts	https://leetcode.com/problems/best-team-with-no-conflicts	
46	Champagne Tower	https://leetcode.com/problems/champagne-tower	
47	Largest Sum of Averages	https://leetcode.com/problems/largest-sum-of-averages	
48	Video Stitching	https://leetcode.com/problems/video-stitching	
	DP(Select Distinct Ways)		
49	Unique Paths	https://leetcode.com/problems/unique-paths	
50	Unique Paths II	https://leetcode.com/problems/unique-paths-ii	
51	Climbing Stairs	https://leetcode.com/problems/climbing-stairs	
52	Combination Sum IV	https://leetcode.com/problems/combination-sum-iv	
53	Partition Equal Subset Sum	https://leetcode.com/problems/partition-equal-subset-sum	
54	Target Sum	https://leetcode.com/problems/target-sum	

55	Out of Boundary Paths	https://leetcode.com/problems/out-of-boundary-paths
56	Number of Longest Increasing Subsequence	https://leetcode.com/problems/knight-probability-in-chessboard
57	Domino and Tromino Tiling	https://leetcode.com/problems/soup-servings
58	Minimum Swaps To Make Sequences Increasing	https://leetcode.com/problems/minimum-swaps-to-make-sequences-increasing
59	Knight Dialer	https://leetcode.com/problems/knight-dialer
60	Number of Dice Rolls With Target Sum	https://leetcode.com/problems/number-of-dice-rolls-with-target-sum
61	Count Vowels Permutation	https://leetcode.com/problems/count-vowels-permutation
62	Dice Roll Simulation	https://leetcode.com/problems/dice-roll-simulation
63	Number of Ways to Stay in the Same Place After Some Steps	https://leetcode.com/problems/number-of-ways-to-stay-in-the-same-place-after-some-steps
	DP(MERGING INTERVALS)	
64	Unique Binary Search Trees	https://leetcode.com/problems/unique-binary-search-trees
65	Burst Balloons	https://leetcode.com/problems/burst-balloons
66	Guess Number Higher or Lower II	https://leetcode.com/problems/guess-number-higher-or-lower-ii
67	Remove Boxes	https://leetcode.com/problems/remove-boxes
68	Minimum Cost to Merge Stones	https://leetcode.com/problems/minimum-cost-to-merge-stones
69	Minimum Score Triangulation of Polygon	https://leetcode.com/problems/minimum-score-triangulation-of-polygon
70	Minimum Cost Tree From Leaf Values	https://leetcode.com/problems/minimum-cost-tree-from-leaf-values
	DP on STRINGS	
71	Longest Palindromic Substring	https://leetcode.com/problems/longest-palindromic-substring
72	Edit Distance	https://leetcode.com/problems/edit-distance
73	Distinct Subsequences	https://leetcode.com/problems/distinct-subsequences
74	Longest Palindromic Subsequence	https://leetcode.com/problems/longest-palindromic-subsequence
75	Palindromic Substrings	https://leetcode.com/problems/palindromic-substrings
76	Minimum ASCII Delete Sum for Two Strings	https://leetcode.com/problems/minimum-ascii-delete-sum-for-two-strings
77	Shortest Common Supersequence	https://leetcode.com/problems/shortest-common-supersequence
78	Longest Common Subsequence	https://leetcode.com/problems/longest-common-subsequence
79	Pallindrome Paritioning-ii	https://leetcode.com/problems/palindrome-partitioning-ii
80	Word Break-ii	https://leetcode.com/problems/word-break-ii
81	maximum-length-of-repeated-subarray	https://leetcode.com/problems/maximum-length-of-repeated-subarray
82	regular-expression-matching	https://leetcode.com/problems/regular-expression-matching
83	interleaving-string	https://leetcode.com/problems/interleaving-string
84	minimum-insertion-steps-to-make-a-string-palindrome	https://leetcode.com/problems/minimum-insertion-steps-to-make-a-string-palindrome

85	max-dot-product-of-two-subsequences	https://leetcode.com/problems/max-dot-product-of-two-subsequences	
86	continuous-subarray-sum	https://leetcode.com/problems/continuous-subarray-sum/	
87	non-overlapping-subarrays	https://leetcode.com/problems/find-two-non-overlapping-sub-arrays-each-with-target-sum/	
88	max-non-overlapping-subarrays	https://leetcode.com/problems/maximum-number-of-non-overlapping-subarrays-with-sum-equals-target/	
	DP-Decision Making		
89	Best Time to Buy and Sell Stock	https://leetcode.com/problems/best-time-to-buy-and-sell-stock	
90	Best Time to Buy and Sell Stock III	https://leetcode.com/problems/best-time-to-buy-and-sell-stock-iii	
91	Best Time to Buy and Sell Stock IV	https://leetcode.com/problems/best-time-to-buy-and-sell-stock-iv	
92	House Robber	https://leetcode.com/problems/house-robber	
93	Best Time to Buy and Sell Stock with Cooldown	https://leetcode.com/problems/best-time-to-buy-and-sell-stock-with-cooldown	
94	Best Time to Buy and Sell Stock with Transaction Fee	https://leetcode.com/problems/best-time-to-buy-and-sell-stock-with-transaction-fee	
	DP Patterns		
95	Minimum Path Sum	https://leetcode.com/problems/minimum-path-sum	
96	Decode Ways	https://leetcode.com/problems/decode-ways	
97	Word Break	https://leetcode.com/problems/word-break	
98	Longest Increasing Subsequence	https://leetcode.com/problems/longest-increasing-subsequence	
99	Can I Win	https://leetcode.com/problems/can-i-win	
100	Partition to K Equal Sum Subsets	https://leetcode.com/problems/partition-to-k-equal-sum-subsets	
101	Cheapest Flights Within K Stops	https://leetcode.com/problems/cheapest-flights-within-k-stops	
102	Longest Arithmetic Subsequence	https://leetcode.com/problems/longest-arithmetic-subsequence	
103	Filling Bookcase Shelves	https://leetcode.com/problems/filling-bookcase-shelves	
104	Longest Valid Parentheses	https://leetcode.com/problems/longest-valid-parentheses	
105	Wildcard Matching	https://leetcode.com/problems/wildcard-matching	
106	Minimum Difficulty of a Job Schedule	https://leetcode.com/problems/minimum-difficulty-of-a-job-schedule	
107	Kth Largest XOR (DP + Heap)	https://leetcode.com/problems/find-kth-largest-xor-coordinate-value/	
	2D-DP		
108	Non Overlapping Line segments	https://leetcode.com/problems/number-of-sets-of-k-non-overlapping-line-segments	
109	Create Maximum Number	https://leetcode.com/problems/create-maximum-number	
110	Frog jump	https://leetcode.com/problems/frog-jump	
111	Split Array largest sum	https://leetcode.com/problems/split-array-largest-sum	

112	Freedom Trail	https://leetcode.com/problems/freedom-trail	
113	Number of Music Playlist	https://leetcode.com/problems/number-of-music-playlists	
114	Minimum Falling path sum 2	https://leetcode.com/problems/minimum-falling-path-sum-ii	
115	Min Distance to tyoe a word	https://leetcode.com/problems/minimum-distance-to-type-a-word-using-two-fingers	
116	Number of ways to paint grid	https://leetcode.com/problems/number-of-ways-to-paint-n-3-grid	
117	Find max k comparisons	https://leetcode.com/problems/build-array-where-you-can-find-the-maximum-exactly-k-comparisons	
118	Ways to cut pizza	https://leetcode.com/problems/number-of-ways-of-cutting-a-pizza	
119	Paint House 3	https://leetcode.com/problems/paint-house-iii	
120	Count all possible routes	https://leetcode.com/problems/count-all-possible-routes	
	Bitmasking + DP		
121	Stickers to spell words	https://leetcode.com/problems/stickers-to-spell-word	
122	Shortest Path visiting all nodes	https://leetcode.com/problems/shortest-path-visiting-all-nodes	
123	Smallest Sufficient team	https://leetcode.com/problems/smallest-sufficient-team	
124	Maximum Students taking exam	https://leetcode.com/problems/maximum-students-taking-exam	
125	Different ways to wear hat	https://leetcode.com/problems/number-of-ways-to-wear-different-hats-to-each-other	
126	Min Cost to connect two group points	https://leetcode.com/problems/minimum-cost-to-connect-two-groups-of-points	
127	Maximum Number of achievable transfer	https://leetcode.com/problems/maximum-number-of-achievable-transfer-requests	
128	Distribute repeating integers	https://leetcode.com/problems/distribute-repeating-integers	
129	Maximize Grid Happiness	https://leetcode.com/problems/maximize-grid-happiness	
130	Find minimum time to finish jobs	https://leetcode.com/problems/find-minimum-time-to-finish-all-jobs	
	Probability and DP		
130	Soup Servings	https://leetcode.com/problems/soup-servings/	
131	New 21 game	https://leetcode.com/problems/new-21-game/	
132	Airplane seat assignments probabliity	https://leetcode.com/problems/airplane-seat-assignment-probability/	
	DP(Kadane's)		
133	maximum-subarray	https://leetcode.com/problems/maximum-subarray	
134	maximum-product-subarray	https://leetcode.com/problems/maximum-product-subarray	
135	bitwise-ors-of-subarrays	https://leetcode.com/problems/bitwise-ors-of-subarrays	
136	longest-turbulent-subarray	https://leetcode.com/problems/longest-turbulent-subarray	
137	maximum-subarray-sum-with-one-deletion	https://leetcode.com/problems/maximum-subarray-sum-with-one-deletion	
138	k-concatenation-maximum-sum	https://leetcode.com/problems/k-concatenation-maximum-sum	

139	largest-divisible-subset	https://leetcode.com/problems/largest-divisible-subset	
140	length-of-longest-fibonacci-subsequence	https://leetcode.com/problems/length-of-longest-fibonacci-subsequence	
	Longest Increasing Subsequences(LIS)		
141	number-of-longest-increasing-subsequence	https://leetcode.com/problems/number-of-longest-increasing-subsequence	
142	russian-doll-envelopes	https://leetcode.com/problems/russian-doll-envelopes	
143	delete-columns-to-make-sorted-iii	https://leetcode.com/problems/delete-columns-to-make-sorted-iii	
144	minimum-number-of-removals-to-make-mountain-array	https://leetcode.com/problems/minimum-number-of-removals-to-make-mountain-array	
145	maximum-height-by-stacking-cuboids	https://leetcode.com/problems/maximum-height-by-stacking-cuboids	
146	make-array-strictly-increasing	https://leetcode.com/problems/make-array-strictly-increasing	