📑 Dynamic Programming

44   Wildcard Matching (/problems/wildcard-matching)   string and pattern, ? can match any single char, * can match any sequence. Return True or False.

887   Super Egg Drop (/problems/super-egg-drop)   K eggs, and N floors, ask how many times to determine which floor, egg will break.

639   Decode Ways II (/problems/decode-ways-ii)   1->A, 26->Z, * means any number from 1 to 9, ask how many translation possible.

10   Regular Expression Matching (/problems/regular-expression-matching)   . can match any single char, a* can be "" or "a..a"

321   Create Maximum Number (/problems/create-maximum-number)   Given two array,

```
Input:
nums1 = [3, 4, 6, 5]
nums2 = [9, 1, 2, 5, 8, 3]
k = 5
Output:
[9, 8, 6, 5, 3]
```

32   Longest Valid Parentheses (/problems/longest-valid-parentheses)

Given a string, just contain left and right bracket. ask the longest consecutive valid substring's length.

188   Best Time to Buy and Sell Stock IV (/problems/best-time-to-buy-and-sell-stock-iv)   you can buy and sell k times, given a prices array.

466   Count The Repetitions (/problems/count-the-repetitions)

656   Coin Path (/problems/coin-path) 🔒

140   Word Break II (/problems/word-break-ii)
     yes, i solved this!!!

132   Palindrome Partitioning II (/problems/palindrome-partitioning-ii)

✔ 97   Interleaving String (/problems/interleaving-string)

902   Numbers At Most N Given Digit Set (/problems/numbers-at-most-n-given-digit-set)

629   K Inverse Pairs Array (/problems/k-inverse-pairs-array)

871   Minimum Number of Refueling Stops (/problems/minimum-number-of-refueling-stops)

741   Cherry Pickup (/problems/cherry-pickup)

446   Arithmetic Slices II - Subsequence (/problems/arithmetic-slices-ii-subsequence)

87   Scramble String (/problems/scramble-string)

	600	Non-negative Integers without Consecutive Ones (/problems/non-negative-integers-without-consecutive-ones)	⬭
	552	Student Attendance Record II (/problems/student-attendance-record-ii)	⬭
✔	354	Russian Doll Envelopes (/problems/russian-doll-envelopes)	⬭
✔	85	Maximal Rectangle (/problems/maximal-rectangle)	⬭
	123	Best Time to Buy and Sell Stock III (/problems/best-time-to-buy-and-sell-stock-iii)	⬭
	1000	Minimum Cost to Merge Stones (/problems/minimum-cost-to-merge-stones)	⬭
	1012	Numbers With Repeated Digits (/problems/numbers-with-repeated-digits)	⬭
	363	Max Sum of Rectangle No Larger Than K (/problems/max-sum-of-rectangle-no-larger-than-k)	⬭
✔	115	Distinct Subsequences (/problems/distinct-subsequences)	⬭
	968	Binary Tree Cameras (/problems/binary-tree-cameras)	⬭
	818	Race Car (/problems/race-car)	⬭
	472	Concatenated Words (/problems/concatenated-words)	⬭
	403	Frog Jump (/problems/frog-jump)	⬭
	517	Super Washing Machines (/problems/super-washing-machines)	⬭
	879	Profitable Schemes (/problems/profitable-schemes)	⬭
	664	Strange Printer (/problems/strange-printer)	⬭
	1067	Digit Count in Range (/problems/digit-count-in-range) 🔒	⬭
	727	Minimum Window Subsequence (/problems/minimum-window-subsequence) 🔒	⬭
	568	Maximum Vacation Days (/problems/maximum-vacation-days) 🔒	⬭
	956	Tallest Billboard (/problems/tallest-billboard)	⬭
	546	Remove Boxes (/problems/remove-boxes)	⬭
	943	Find the Shortest Superstring (/problems/find-the-shortest-superstring)	⬭
	691	Stickers to Spell Word (/problems/stickers-to-spell-word)	⬭
✔	72	Edit Distance (/problems/edit-distance)	⬭

✔   72   Edit Distance (/problems/edit-distance)

730   Count Different Palindromic Subsequences (/problems/count-different-
palindromic-subsequences)

940   Distinct Subsequences II (/problems/distinct-subsequences-ii)

964   Least Operators to Express Number (/problems/least-operators-to-
express-number)

514   Freedom Trail (/problems/freedom-trail)

265   Paint House II (/problems/paint-house-ii)   🔒

410   Split Array Largest Sum (/problems/split-array-largest-sum)

920   Number of Music Playlists (/problems/number-of-music-playlists)

689   Maximum Sum of 3 Non-Overlapping Subarrays (/problems/maximum-
sum-of-3-non-overlapping-subarrays)   ★

1125   Smallest Sufficient Team (/problems/smallest-sufficient-team)

903   Valid Permutations for DI Sequence (/problems/valid-permutations-for-di-
sequence)

471   Encode String with Shortest Length (/problems/encode-string-with-
shortest-length)   🔒

975   Odd Even Jump (/problems/odd-even-jump)

847   Shortest Path Visiting All Nodes (/problems/shortest-path-visiting-all-
nodes)

312   Burst Balloons (/problems/burst-balloons)

1092   Shortest Common Supersequence (/problems/shortest-common-
supersequence)

960   Delete Columns to Make Sorted III (/problems/delete-columns-to-make-
sorted-iii)

982   Triples with Bitwise AND Equal To Zero (/problems/triples-with-bitwise-and-
equal-to-zero)

1147   Longest Chunked Palindrome Decomposition (/problems/longest-chunked-
palindrome-decomposition)

1074   Number of Submatrices That Sum to Target (/problems/number-of-
submatrices-that-sum-to-target)

	1136	Parallel Courses (/problems/parallel-courses) 🔒
	91	Decode Ways (/problems/decode-ways)
	523	Continuous Subarray Sum (/problems/continuous-subarray-sum)
	464	Can I Win (/problems/can-i-win)
	5	Longest Palindromic Substring (/problems/longest-palindromic-substring)
✔	152	Maximum Product Subarray (/problems/maximum-product-subarray)
	418	Sentence Screen Fitting (/problems/sentence-screen-fitting) 🔒
	322	Coin Change (/problems/coin-change)
	837	New 21 Game (/problems/new-21-game)
	576	Out of Boundary Paths (/problems/out-of-boundary-paths)
	63	Unique Paths II (/problems/unique-paths-ii)
	304	Range Sum Query 2D - Immutable (/problems/range-sum-query-2d-immutable)
	221	Maximal Square (/problems/maximal-square)
	673	Number of Longest Increasing Subsequence (/problems/number-of-longest-increasing-subsequence)
	467	Unique Substrings in Wraparound String (/problems/unique-substrings-in-wraparound-string)
	898	Bitwise ORs of Subarrays (/problems/bitwise-ors-of-subarrays)
	368	Largest Divisible Subset (/problems/largest-divisible-subset)
	801	Minimum Swaps To Make Sequences Increasing (/problems/minimum-swaps-to-make-sequences-increasing)
	213	House Robber II (/problems/house-robber-ii)
	787	Cheapest Flights Within K Stops (/problems/cheapest-flights-within-k-stops)
	139	Word Break (/problems/word-break)
	790	Domino and Tromino Tiling (/problems/domino-and-tromino-tiling)
✔	95	Unique Binary Search Trees II (/problems/unique-binary-search-trees-ii)
	264	Ugly Number II (/problems/ugly-number-ii)
	967	Numbers With Same Consecutive Differences (/problems/numbers-with-

	967	Numbers With Same Consecutive Differences (/problems/numbers-with-same-consecutive-differences)	37.6%	Medium
	808	Soup Servings (/problems/soup-servings)	38.0%	Medium
✔	376	Wiggle Subsequence (/problems/wiggle-subsequence)	38.1%	Medium
	375	Guess Number Higher or Lower II (/problems/guess-number-higher-or-lower-ii)	38.5%	Medium
	1058	Minimize Rounding Error to Meet Target (/problems/minimize-rounding-error-to-meet-target) 🔒	39.7%	Medium
	1049	Last Stone Weight II (/problems/last-stone-weight-ii)	40.3%	Medium
	474	Ones and Zeroes (/problems/ones-and-zeroes)	40.4%	Medium
	120	Triangle (/problems/triangle)	40.5%	Medium
✔	300	Longest Increasing Subsequence (/problems/longest-increasing-subsequence)	41.3%	Medium
	416	Partition Equal Subset Sum (/problems/partition-equal-subset-sum)	41.5%	Medium
	935	Knight Dialer (/problems/knight-dialer)	41.9%	Medium
	1039	Minimum Score Triangulation of Polygon (/problems/minimum-score-triangulation-of-polygon)	42.8%	Medium
	279	Perfect Squares (/problems/perfect-squares)	42.9%	Medium
	698	Partition to K Equal Sum Subsets (/problems/partition-to-k-equal-sum-subsets)	43.3%	Medium
	1139	Largest 1-Bordered Square (/problems/largest-1-bordered-square)	43.6%	Medium
	377	Combination Sum IV (/problems/combination-sum-iv)	43.9%	Medium
	361	Bomb Enemy (/problems/bomb-enemy) 🔒	44.0%	Medium
	764	Largest Plus Sign (/problems/largest-plus-sign)	44.2%	Medium
	309	Best Time to Buy and Sell Stock with Cooldown (/problems/best-time-to-buy-and-sell-stock-with-cooldown)	44.7%	Medium
	838	Push Dominoes (/problems/push-dominoes)	44.8%	Medium
	688	Knight Probability in Chessboard (/problems/knight-probability-in-chessboard)	45.3%	Medium
	978	Longest Turbulent Subarray (/problems/longest-turbulent-subarray)	45.6%	Medium
	494	Target Sum (/problems/target-sum)	45.7%	Medium

	813	Largest Sum of Averages (/problems/largest-sum-of-averages)	46.3%	Medium
	740	Delete and Earn (/problems/delete-and-earn)	46.5%	Medium
	351	Android Unlock Patterns (/problems/android-unlock-patterns) 🔒	46.6%	Medium
	873	Length of Longest Fibonacci Subsequence (/problems/length-of-longest-fibonacci-subsequence)	46.8%	Medium
	486	Predict the Winner (/problems/predict-the-winner)	47.0%	Medium
	1024	Video Stitching (/problems/video-stitching)	47.0%	Medium
	650	2 Keys Keyboard (/problems/2-keys-keyboard)	47.1%	Medium
✔	718	Maximum Length of Repeated Subarray (/problems/maximum-length-of-repeated-subarray)	47.1%	Medium
	357	Count Numbers with Unique Digits (/problems/count-numbers-with-unique-digits)	47.3%	Medium
✔	96	Unique Binary Search Trees (/problems/unique-binary-search-trees)	47.5%	Medium
	516	Longest Palindromic Subsequence (/problems/longest-palindromic-subsequence)	48.2%	Medium
	343	Integer Break (/problems/integer-break)	48.4%	Medium
	64	Minimum Path Sum (/problems/minimum-path-sum)	48.4%	Medium
	1155	Number of Dice Rolls With Target Sum (/problems/number-of-dice-rolls-with-target-sum)	48.7%	Medium
	62	Unique Paths (/problems/unique-paths)	48.9%	Medium
	1048	Longest String Chain (/problems/longest-string-chain)	49.4%	Medium
	646	Maximum Length of Pair Chain (/problems/maximum-length-of-pair-chain)	49.4%	Medium
	638	Shopping Offers (/problems/shopping-offers)	49.5%	Medium
	1027	Longest Arithmetic Sequence (/problems/longest-arithmetic-sequence)	49.7%	Medium
	651	4 Keys Keyboard (/problems/4-keys-keyboard) 🔒	51.2%	Medium
	1066	Campus Bikes II (/problems/campus-bikes-ii) 🔒	51.2%	Medium
✔	714	Best Time to Buy and Sell Stock with Transaction Fee (/problems/best-time-to-buy-and-sell-stock-with-transaction-fee)	51.4%	Medium
	1105	Filling Bookcase Shelves (/problems/filling-bookcase-shelves)	55.4%	Medium

712	Minimum ASCII Delete Sum for Two Strings (/problems/minimum-ascii-delete-sum-for-two-strings)	55.5%	Medium
413	Arithmetic Slices (/problems/arithmetic-slices)	56.3%	Medium
983	Minimum Cost For Tickets (/problems/minimum-cost-for-tickets)	57.7%	Medium
647	Palindromic Substrings (/problems/palindromic-substrings)	57.7%	Medium
1143	Longest Common Subsequence (/problems/longest-common-subsequence)	57.9%	Medium
1130	Minimum Cost Tree From Leaf Values (/problems/minimum-cost-tree-from-leaf-values)	59.0%	Medium
1055	Shortest Way to Form String (/problems/shortest-way-to-form-string) 🔒	59.0%	Medium
931	Minimum Falling Path Sum (/problems/minimum-falling-path-sum)	59.3%	Medium
1140	Stone Game II (/problems/stone-game-ii)	60.2%	Medium
877	Stone Game (/problems/stone-game)	62.2%	Medium
750	Number Of Corner Rectangles (/problems/number-of-corner-rectangles) 🔒	65.2%	Medium
338	Counting Bits (/problems/counting-bits)	65.5%	Medium
276	Paint Fence (/problems/paint-fence) 🔒	36.9%	Easy
303	Range Sum Query - Immutable (/problems/range-sum-query-immutable)	39.5%	Easy
198	House Robber (/problems/house-robber)	41.3%	Easy
✔ 53	Maximum Subarray (/problems/maximum-subarray)	44.4%	Easy
70	Climbing Stairs (/problems/climbing-stairs)	44.9%	Easy
✔ 392	Is Subsequence (/problems/is-subsequence)	47.4%	Easy
746	Min Cost Climbing Stairs (/problems/min-cost-climbing-stairs)	48.0%	Easy
✔ 121	Best Time to Buy and Sell Stock (/problems/best-time-to-buy-and-sell-stock)	48.1%	Easy
256	Paint House (/problems/paint-house) 🔒	49.8%	Easy
1025	Divisor Game (/problems/divisor-game)	64.7%	Easy

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