Recursion and Backtracking Questions:

- Reverse a string using recursion

[Practice here: https://www.geeksforgeeks.org/reverse-a-string-using-recursion/]

- Reverse a Stack using recursion

[Practice here: https://www.geeksforgeeks.org/reverse-a-stack-using-recursion/]

- Check if a number is Palindrome or not

[Practice here: https://practice.geeksforgeeks.org/problems/palindrome/0]

- Given a string, print all palindromic partitions

[Practice here: https://www.geeksforgeeks.org/given-a-string-print-all-possible-palindromic-partition/]

- Generate all binary strings without consecutive 1's

[Practice here: https://www.geeksforgeeks.org/generate-binary-strings-without-consecutive-1s/]

- All possible binary numbers of length n with equal sum in both halves

[Practice here: https://www.geeksforgeeks.org/all-possible-binary-numbers-of-length-n-with-equal-sum-in-both-halves/]

- Combinations in a String of Digits

[Practice here: https://www.geeksforgeeks.org/combinations-string-digits/]

- Count consonants in a string (Iterative and recursive methods)

[Practice here: https://www.geeksforgeeks.org/count-consonants-string-iterative-recursive-methods/]

- Program for length of a string using recursion

[Practice here: https://www.geeksforgeeks.org/program-for-length-of-a-string-using-recursion/]

- Program for length of a string using recursionFirst uppercase letter in a string (Iterative and Recursive)

[Practice here: https://www.geeksforgeeks.org/first-uppercase-letter-in-a-string-iterative-and-recursive/]

- Power Set in Lexicographic order

[Practice here: https://www.geeksforgeeks.org/powet-set-lexicographic-order/]

- Print all possible combinations of r elements in a given array of size n

[Practice here: https://www.geeksforgeeks.org/print-all-possible-combinations-of-r-elements-in-a-given-array-of-size-n/]

- Print all increasing sequences of length k from first n natural numbers

[Practice here: https://www.geeksforgeeks.org/print-increasing-sequences-length-k-first-n-natural-numbers/]

- Program to find the minimum (or maximum) element of an array

[Practice here: https://www.geeksforgeeks.org/program-find-minimum-maximum-element-array/]

- Recursive function to delete k-th node from linked list

[Practice here: https://www.geeksforgeeks.org/recursive-function-delete-k-th-node-linked-list/]

- Reverse a Doubly linked list using recursion

[Practice here: https://www.geeksforgeeks.org/reverse-doubly-linked-list-using-recursion/]

- Find middle of singly linked list Recursively

[Practice here: https://www.geeksforgeeks.org/find-middle-singly-linked-list-recursively/]

- Print all leaf nodes of a Binary Tree from left to right

[Practice here: https://www.geeksforgeeks.org/print-leaf-nodes-left-right-binary-tree/]

- Recursive Insertion Sort

[Practice here: https://www.geeksforgeeks.org/recursive-insertion-sort/]

- Print a pattern without using any loop

[Practice here: https://practice.geeksforgeeks.org/problems/print-pattern/0]

- Print sums of all subsets of a given set

[Practice here: https://practice.geeksforgeeks.org/problems/subset-sums/0]

- Count ways to express a number as sum of powers

[Practice here: https://www.geeksforgeeks.org/count-ways-express-number-sum-powers/]

- Print N-bit binary numbers having more 1's than 0's in all prefixes

[Practice here: https://www.geeksforgeeks.org/print-n-bit-binary-numbers-1s-0s-prefixes/]

- Binary to Gray code using recursion

[Practice here: https://www.geeksforgeeks.org/program-convert-binary-code-equivalent-gray-code-using-recursion/]

- Product of 2 Numbers using Recursion

[Practice here: https://www.geeksforgeeks.org/product-2-numbers-using-recursion/]

- Print all combinations of factors (Ways to factorize)

[Practice here: https://www.geeksforgeeks.org/print-combinations-factors-ways-factorize/]

- Program for Chocolate and Wrapper Puzzle

[Practice here: https://www.geeksforgeeks.org/program-chocolate-wrapper-puzzle/]

- Minimum steps to reach a destination

[Practice here: https://practice.geeksforgeeks.org/problems/minimum-number-of-steps-to-reach-a-given-number/0]

- Identify all Grand-Parent Nodes of each Node in a Map

[Practice here: https://www.geeksforgeeks.org/identify-all-grand-parent-nodes-of-each-node-in-a-map/]

- Print all subsequences of a string

[Practice here: https://www.geeksforgeeks.org/print-subsequences-string/]

- Write a program to print all permutations of a given string

[Practice here: https://practice.geeksforgeeks.org/problems/permutations-of-a-given-string/0]

- Find Maximum number possible by doing at-most K swaps

[Practice here: https://practice.geeksforgeeks.org/problems/largest-number-in-k-swaps/0]

- Print all possible words from phone digits

[Practice here: https://www.geeksforgeeks.org/find-possible-words-phone-digits/]

Backtracking Problems:

- Rat in a maze Problem

[Practice here: https://practice.geeksforgeeks.org/problems/rat-in-a-maze-problem/1]

- Printing all solutions in N-Queen Problem

[Practice here: https://www.geeksforgeeks.org/printing-solutions-n-queen-problem/]

- Word Break Problem using Backtracking

[Practice here: https://www.geeksforgeeks.org/word-break-problem-using-backtracking/]

- Remove Invalid Parentheses

[Practice here: https://www.geeksforgeeks.org/remove-invalid-parentheses/]

- Match a pattern and String without using regular expressions

[Practice here: https://www.geeksforgeeks.org/match-a-pattern-and-string-without-using-regular-expressions/]

- Find paths from corner cell to middle cell in maze

[Practice here: https://www.geeksforgeeks.org/find-paths-from-corner-cell-to-middle-cell-in-maze/]

- Sudoku Solver

[Practice here: https://practice.geeksforgeeks.org/problems/solve-the-sudoku/0]

- m Coloring Problem

[Practice here: https://practice.geeksforgeeks.org/problems/m-coloring-problem/0]

- Hamiltonian Cycle

[Practice here: https://practice.geeksforgeeks.org/problems/hamiltonian-path/0]

- Find if there is a path of more than k length from a source

[Practice here: https://www.geeksforgeeks.org/find-if-there-is-a-path-of-more-than-k-length-from-a-source/]

- Find shortest safe route in a path with landmines

[Practice here: https://www.geeksforgeeks.org/find-shortest-safe-route-in-a-path-with-landmines/]

- Partition of a set into K subsets with equal sum

[Practice here: https://practice.geeksforgeeks.org/problems/partition-array-to-k-subsets/1]

- Longest Possible Route in a Matrix with Hurdles

[Practice here: https://www.geeksforgeeks.org/longest-possible-route-in-a-matrix-with-hurdles/]

- Print all palindromic partitions of a string

[Practice here: https://www.geeksforgeeks.org/print-palindromic-partitions-string/]

- Print all possible paths from top left to bottom right of a mXn matrix

[Practice here: https://www.geeksforgeeks.org/print-all-possible-paths-from-top-left-to-bottom-right-of-a-mxn-matrix/]

- Subset Sum Problem

[Practice here: https://practice.geeksforgeeks.org/problems/subset-sum-problem/0]

- The Knight's tour problem

[Practice here: https://www.geeksforgeeks.org/the-knights-tour-problem-backtracking-1/]

- Warnsdorff's algorithm for Knight's tour problem

[Practice here: https://www.geeksforgeeks.org/warnsdorffs-algorithm-knights-tour-problem/]

- Tug of War

[Practice here: https://www.geeksforgeeks.org/tug-of-war/]