**Dynamic Programming**

Edit Distance

Maximum Subarray

Minimum Path Sum

Unique Paths

Unique Paths II

Longest Palindromic Substring

Interleaving String

Triangle

Distinct Subsequences

Decode Ways

Palindrome Partitioning II

Maximal Rectangle

**Recursion**

N-Queens

N-Queens II

Balanced Binary Tree

Binary Tree Inorder Traversal

Binary Tree Maximum Path Sum

Convert Sorted Array to Binary Search Tree

Convert Sorted List to Binary Search Tree

Flatten Binary Tree to Linked List

Maximum Depth of Binary Tree

Minimum Depth of Binary Tree

Path Sum

Permutations

Permutations II

Populating Next Right Pointers in Each Node

Pow(x, n)

Same Tree

Subsets

Sum Root to Leaf Numbers

Swap Nodes in Pairs

Symmetric Tree

Valid Palindrome

Validate Binary Search Tree

Restore IP Addresses

Combinations

Interleaving String (dp is the best)

Combination Sum II

Letter Combinations of a Phone Numbers

Word Search

Construct Binary Tree from Inorder and Postorder Traversal

Construct Binary Tree from Preorder and Inorder Traversal

Generate Parentheses

Surrounded Regions (runtime error)

Palindrome Partitioning

Combination Sum

Sudoku Solver

Unique Binary Search Trees II

**Binary Search**

Search Insert Position

Search a 2D Matrix

Search for a Range

Search in Rotated Sorted Array

Sqrt(x)

**Sequence**

Container With Most Water

Count and Say

First Missing Positive

Implement strStr()

Jump Game

Jump Game II

Length of Last Word

Longest Common Prefix

Longest Substring Without Repeating Characters

Merge Sorted Array

Palindrome Number

Plus One

Remove Duplicates from Sorted Array

Remove Duplicates from Sorted Array II

Remove Element

Reverse Integer

Search in Rotated Sorted Array II

Sort Colors

Two Sum

3Sum

3Sum Closest

4Sum

Add Binary

Longest Palindromic Substring

Next Permutation

Longest Valid Parentheses

Climbing Stairs

Permutation Sequence

Simplify Path

String to Integer (atoi)

Minimum Window Substring

Longest Consecutive Sequence

Trapping Rain Water

Valid Number

**Linked List**

Add Two Numbers

Convert Sorted List to Binary Search Tree

Merge Two Sorted Lists

Partition List

Remove Duplicates from Sorted List

Remove Duplicates from Sorted List II

Remove Nth Node From End of List

Reverse Linked List II

Reverse Nodes in k-Group

Rotate List

Swap Nodes in Pairs

**Stack**

Binary Tree Inorder Traversal

Binary Tree Level Order Traversal II

Valid Parentheses

**Queue**

Binary Tree Level Order Traversal

Binary Tree Level Order Traversal II

Populating Next Right Pointers in Each Node II

Symmetric Tree

Surrounded Regions

Word Ladder

**Tree**

Balanced Binary Tree

Binary Tree Inorder Traversal

Binary Tree Level Order Traversal

Binary Tree Level Order Traversal II

Binary Tree Maximum Path Sum

Convert Sorted Array to Binary Search Tree

Convert Sorted List to Binary Search Tree

Flatten Binary Tree to Linked List

Maximum Depth of Binary Tree

Minimum Depth of Binary Tree

Path Sum

Same Tree

Sum Root to Leaf Numbers

Symmetric Tree

Validate Binary Search Tree