找规律题

[面试题 01.08. 零矩阵 （简单）](https://leetcode-cn.com/problems/zero-matrix-lcci/)

[剑指 Offer 61. 扑克牌中的顺子(中等)](https://leetcode-cn.com/problems/bu-ke-pai-zhong-de-shun-zi-lcof/)

[面试题 16.11. 跳水板（简单）](https://leetcode-cn.com/problems/diving-board-lcci/)

[面试题 01.05. 一次编辑（中等）](https://leetcode-cn.com/problems/one-away-lcci/)

[面试题 16.15. 珠玑妙算 （中等）](https://leetcode-cn.com/problems/master-mind-lcci/)

[55. 跳跃游戏 （中等）](https://leetcode-cn.com/problems/jump-game/)

[48. 旋转图像 （中等）](https://leetcode-cn.com/problems/rotate-image/)

[54. 螺旋矩阵（中等，字节电商 22 届暑期实习，出处）](https://leetcode-cn.com/problems/spiral-matrix/)

[240. 搜索二维矩阵 II （中等）](https://leetcode-cn.com/problems/search-a-2d-matrix-ii/)

纯编程题

[1.两数之和（简单）](https://leetcode-cn.com/problems/two-sum/)

[1108. IP 地址无效化（简单）](https://leetcode-cn.com/problems/defanging-an-ip-address/)

[344. 反转字符串（简单）](https://leetcode-cn.com/problems/reverse-string/)

[剑指 Offer 58 - I. 翻转单词顺序（简单）](https://leetcode-cn.com/problems/fan-zhuan-dan-ci-shun-xu-lcof/)

[125. 验证回文串（简单）](https://leetcode-cn.com/problems/valid-palindrome/)

[9. 回文数（简单）](https://leetcode-cn.com/problems/palindrome-number/)

[58. 最后一个单词的长度（简单）](https://leetcode-cn.com/problems/length-of-last-word/)

[剑指 Offer 05. 替换空格（简单）](https://leetcode-cn.com/problems/ti-huan-kong-ge-lcof/)

[剑指 Offer 58 - II. 左旋转字符串（简单）](https://leetcode-cn.com/problems/zuo-xuan-zhuan-zi-fu-chuan-lcof/)

[26. 删除排序数组中的重复项（简单）](https://leetcode-cn.com/problems/remove-duplicates-from-sorted-array/)

[剑指 Offer 67. 把字符串转换成整数（中等）](https://leetcode-cn.com/problems/ba-zi-fu-chuan-zhuan-huan-cheng-zheng-shu-lcof/)

经典atoi()，注意范围越界处理

栈题

[剑指 Offer 09. 用两个栈实现队列（简单）](https://leetcode-cn.com/problems/yong-liang-ge-zhan-shi-xian-dui-lie-lcof/)

[225. 用队列实现栈（简单，字节实习，出处）](https://leetcode-cn.com/problems/implement-stack-using-queues/)

[面试题 03.01. 三合一（简单）](https://leetcode-cn.com/problems/three-in-one-lcci/)

[20. 有效的括号（简单）](https://leetcode-cn.com/problems/valid-parentheses/)

[面试题 16.26. 计算器（中等）](https://leetcode-cn.com/problems/calculator-lcci/)

[772. 基本计算器 III（困难 包含括号 力扣会员）](https://leetcode-cn.com/problems/basic-calculator-iii/)

[1047. 删除字符串中的所有相邻重复项（简单）](https://leetcode-cn.com/problems/remove-all-adjacent-duplicates-in-string/)

[面试题 03.05. 栈排序（中等）](https://leetcode-cn.com/problems/sort-of-stacks-lcci/)

[155. 最小栈（简单）](https://leetcode-cn.com/problems/min-stack/)

[剑指 Offer 31. 栈的压入、弹出序列（中等）](https://leetcode-cn.com/problems/zhan-de-ya-ru-dan-chu-xu-lie-lcof/)

[739. 每日温度（中等）单调栈](https://leetcode-cn.com/problems/daily-temperatures/)

[42. 接雨水（困难）单调栈](https://leetcode-cn.com/problems/trapping-rain-water/)

[84. 柱状图中最大的矩形（困难）单调栈](https://leetcode-cn.com/problems/largest-rectangle-in-histogram/)

[面试题 03.06. 动物收容所（中等） 队列](https://leetcode-cn.com/problems/animal-shelter-lcci/)

[剑指 Offer 59 - II. 队列的最大值（中等） 单调队列](https://leetcode-cn.com/problems/dui-lie-de-zui-da-zhi-lcof/)

[剑指 Offer 59 - I. 滑动窗口的最大值 （困难）单调队列](https://leetcode-cn.com/problems/hua-dong-chuang-kou-de-zui-da-zhi-lcof/)

链表题

[203. 移除链表元素 （简单）](https://leetcode-cn.com/problems/remove-linked-list-elements/)

[876. 链表的中间结点（简单）](https://leetcode-cn.com/problems/middle-of-the-linked-list/)

[83. 删除排序链表中的重复元素（简单）](https://leetcode-cn.com/problems/remove-duplicates-from-sorted-list/)

[2. 两数相加 （中等，腾讯 WXG 21 届秋招）](https://leetcode-cn.com/problems/add-two-numbers/)

[剑指 Offer 25. 合并两个排序的链表 （中等）](https://leetcode-cn.com/problems/he-bing-liang-ge-pai-xu-de-lian-biao-lcof/)

[206. 反转链表 （中等，阿里云存储 22 届暑期实习，出处）](https://leetcode-cn.com/problems/reverse-linked-list/)

[234. 回文链表 （中等，蚂蚁金服社招）](https://leetcode-cn.com/problems/palindrome-linked-list/)

[328. 奇偶链表（中等，腾讯 WXG 21 届秋招](https://leetcode-cn.com/problems/odd-even-linked-list/)

[25. K 个一组翻转链表（困难，腾讯 WXG 21 届秋招）](https://leetcode-cn.com/problems/reverse-nodes-in-k-group/)

[剑指 Offer 22. 链表中倒数第k个节点 （简单，百度 22 届暑期实习）](https://leetcode-cn.com/problems/lian-biao-zhong-dao-shu-di-kge-jie-dian-lcof/)

[19. 删除链表的倒数第 N 个结点 （中等）](https://leetcode-cn.com/problems/remove-nth-node-from-end-of-list/)

[160. 相交链表（简单，新华智云 22 届暑期实习）](https://leetcode-cn.com/problems/intersection-of-two-linked-lists/)

[141. 环形链表（简单） 判断链表中是否存在环](https://leetcode-cn.com/problems/linked-list-cycle/)

[369. 给单链表加一（中等）](https://leetcode-cn.com/problems/plus-one-linked-list/)

排序题

[面试题 10.01. 合并排序的数组 （简单）](https://leetcode-cn.com/problems/sorted-merge-lcci/)

[21. 合并两个有序链表 （简单）](https://leetcode-cn.com/problems/merge-two-sorted-lists/)

[242. 有效的字母异位词（简单）](https://leetcode-cn.com/problems/valid-anagram/)

[1502. 判断能否形成等差数列（简单）](https://leetcode-cn.com/problems/can-make-arithmetic-progression-from-sequence/)

[252. 会议室 （简单）](https://leetcode-cn.com/problems/meeting-rooms/)

[56. 合并区间（中等）](https://leetcode-cn.com/problems/merge-intervals/)

[剑指 Offer 21. 调整数组顺序使奇数位于偶数前面 （简单）](https://leetcode-cn.com/problems/diao-zheng-shu-zu-shun-xu-shi-qi-shu-wei-yu-ou-shu-qian-mian-lcof/)

[75. 颜色分类（中等）](https://leetcode-cn.com/problems/sort-colors/)

[147. 对链表进行插入排序（中等）](https://leetcode-cn.com/problems/insertion-sort-list/)

[148. 排序链表（中等） 链表上的归并排序](https://leetcode-cn.com/problems/sort-list/)

[215. 数组中的第K个最大元素（中等）](https://leetcode-cn.com/problems/kth-largest-element-in-an-array/)

[面试题 17.14. 最小K个数 （中等）](https://leetcode-cn.com/problems/smallest-k-lcci/)

[剑指 Offer 51. 数组中的逆序对（困难）](https://leetcode-cn.com/problems/shu-zu-zhong-de-ni-xu-dui-lcof/)

递归/分治题

[剑指 Offer 10- I. 斐波那契数列 （简单）](https://leetcode-cn.com/problems/fei-bo-na-qi-shu-lie-lcof/)

[剑指 Offer 10- II. 青蛙跳台阶问题（简单）](https://leetcode-cn.com/problems/qing-wa-tiao-tai-jie-wen-ti-lcof/)

[面试题 08.01. 三步问题 （简单）](https://leetcode-cn.com/problems/three-steps-problem-lcci/)

[剑指 Offer 06. 从尾到头打印链表 （简单）](https://leetcode-cn.com/problems/cong-wei-dao-tou-da-yin-lian-biao-lcof/)

[剑指 Offer 24. 反转链表 （简单）](https://leetcode-cn.com/problems/fan-zhuan-lian-biao-lcof/)

[剑指 Offer 16. 数值的整数次方 （中等）](https://leetcode-cn.com/problems/shu-zhi-de-zheng-shu-ci-fang-lcof/)

[面试题 08.05. 递归乘法 （中等）](https://leetcode-cn.com/problems/recursive-mulitply-lcci/)

哈希表题

[两数之和 （简单） 两数之和](https://leetcode-cn.com/problems/two-sum/)

[15. 三数之和（中等）三数之和](https://leetcode-cn.com/problems/3sum/)

[160. 相交链表（简单，新华智云 22 届暑期实习）](https://leetcode-cn.com/problems/intersection-of-two-linked-lists/)

[141. 环形链表（简单） 判断链表中是否存在环](https://leetcode-cn.com/problems/linked-list-cycle/)

[面试题 02.01. 移除重复节点（中等） 借助哈希表](https://leetcode-cn.com/problems/remove-duplicate-node-lcci/)

[面试题 16.02. 单词频率 （简单）](https://leetcode-cn.com/problems/words-frequency-lcci/)

[面试题 01.02. 判定是否互为字符重排（简单）](https://leetcode-cn.com/problems/check-permutation-lcci/)

[剑指 Offer 03. 数组中重复的数字 （简单）](https://leetcode-cn.com/problems/shu-zu-zhong-zhong-fu-de-shu-zi-lcof/)

[242. 有效的字母异位词（简单）](https://leetcode-cn.com/problems/valid-anagram/)

[49. 字母异位词分组（中等）](https://leetcode-cn.com/problems/group-anagrams/)

[136. 只出现一次的数字（简单）](https://leetcode-cn.com/problems/single-number/)

[349. 两个数组的交集 （简单）](https://leetcode-cn.com/problems/intersection-of-two-arrays/)

[1122. 数组的相对排序（中等）](https://leetcode-cn.com/problems/relative-sort-array/)

[706. 设计哈希映射（简单）](https://leetcode-cn.com/problems/design-hashmap/)

[146. LRU 缓存机制 （中等）标准的LRU](https://leetcode-cn.com/problems/lru-cache/)

[面试题 16.21. 交换和（中等） 找规律，可以借助哈希表优化](https://leetcode-cn.com/problems/sum-swap-lcci/)

二分查找题

[704. 二分查找（简单） 标准二分查找](https://leetcode-cn.com/problems/binary-search/)

[374. 猜数字大小（简单）](https://leetcode-cn.com/problems/guess-number-higher-or-lower/)

[744. 寻找比目标字母大的最小字母（简单）](https://leetcode-cn.com/problems/find-smallest-letter-greater-than-target/)

[35. 搜索插入位置（简单）](https://leetcode-cn.com/problems/search-insert-position/)

[34. 在排序数组中查找元素的第一个和最后一个位置 （中等）](https://leetcode-cn.com/problems/find-first-and-last-position-of-element-in-sorted-array/)

[面试题 10.05. 稀疏数组搜索（简单）](https://leetcode-cn.com/problems/sparse-array-search-lcci/)

[33. 搜索旋转排序数组（中等）无重复数据](https://leetcode-cn.com/problems/search-in-rotated-sorted-array/)

[81. 搜索旋转排序数组 II（中等）有重复数据](https://leetcode-cn.com/problems/search-in-rotated-sorted-array-ii/)

[153. 寻找旋转排序数组中的最小值（中等） 无重复数据](https://leetcode-cn.com/problems/find-minimum-in-rotated-sorted-array/)

[154. 寻找旋转排序数组中的最小值 II （困难） 有重复数据](https://leetcode-cn.com/problems/find-minimum-in-rotated-sorted-array-ii/)

[852. 山脉数组的峰顶索引（简单）峰值二分](https://leetcode-cn.com/problems/peak-index-in-a-mountain-array/)

[162. 寻找峰值（中等）峰值二分](https://leetcode-cn.com/problems/find-peak-element/)

[367. 有效的完全平方数（简单）二分答案](https://leetcode-cn.com/problems/valid-perfect-square/)

[69. x 的平方根（简单）二分答案](https://leetcode-cn.com/problems/sqrtx/)

[875. 爱吃香蕉的珂珂（中等）二分答案](https://leetcode-cn.com/problems/koko-eating-bananas/)

[658. 找到 K 个最接近的元素（中等）](https://leetcode-cn.com/problems/find-k-closest-elements/)

[74. 搜索二维矩阵（中等） 二维转一维，二分查找](https://leetcode-cn.com/problems/search-a-2d-matrix/)

二叉树题

题型1：二叉树前中后序遍历

[144. 二叉树的前序遍历（简单）](https://leetcode-cn.com/problems/binary-tree-preorder-traversal/)

[94. 二叉树的中序遍历 （简单）](https://leetcode-cn.com/problems/binary-tree-inorder-traversal/)

[145. 二叉树的后序遍历（简单）](https://leetcode-cn.com/problems/binary-tree-postorder-traversal/)

[589. N 叉树的前序遍历（简单）](https://leetcode-cn.com/problems/n-ary-tree-preorder-traversal/)

[590. N 叉树的后序遍历（简单）](https://leetcode-cn.com/problems/n-ary-tree-postorder-traversal/)

题型2：二叉树按层遍历

[剑指 Offer 32 - I. 从上到下打印二叉树（中等）](https://leetcode-cn.com/problems/cong-shang-dao-xia-da-yin-er-cha-shu-lcof/)

[102. 二叉树的层序遍历（中等）](https://leetcode-cn.com/problems/binary-tree-level-order-traversal/)

[剑指 Offer 32 - III. 从上到下打印二叉树 III （中等）](https://leetcode-cn.com/problems/cong-shang-dao-xia-da-yin-er-cha-shu-iii-lcof/)

[429. N 叉树的层序遍历（中等）](https://leetcode-cn.com/problems/n-ary-tree-level-order-traversal/)

[513. 找树左下角的值（中等）](https://leetcode-cn.com/problems/find-bottom-left-tree-value/)

题型3：二叉树上的递归

[104. 二叉树的最大深度（简单）](https://leetcode-cn.com/problems/maximum-depth-of-binary-tree/)

[543. 二叉树的直径（简单）](https://leetcode-cn.com/problems/diameter-of-binary-tree/)

[559. N 叉树的最大深度（简单）](https://leetcode-cn.com/problems/maximum-depth-of-n-ary-tree/)

[剑指 Offer 55 - II. 平衡二叉树（中等）](https://leetcode-cn.com/problems/ping-heng-er-cha-shu-lcof/)

[617. 合并二叉树（简单）](https://leetcode-cn.com/problems/merge-two-binary-trees/)

[226. 翻转二叉树 （简单）](https://leetcode-cn.com/problems/invert-binary-tree/)

[101. 对称二叉树（中等）](https://leetcode-cn.com/problems/symmetric-tree/)

[98. 验证二叉搜索树（中等）](https://leetcode-cn.com/problems/validate-binary-search-tree/)

题型4：二叉查找树

[剑指 Offer 54. 二叉搜索树的第k大节点（中等）](https://leetcode-cn.com/problems/er-cha-sou-suo-shu-de-di-kda-jie-dian-lcof/)

[538. 把二叉搜索树转换为累加树 （中等）](https://leetcode-cn.com/problems/convert-bst-to-greater-tree/)

[面试题 04.06. 后继者（中等）](https://leetcode-cn.com/problems/successor-lcci/)

题型5：LCA最近公共祖先

[236. 二叉树的最近公共祖先（中等）](https://leetcode-cn.com/problems/lowest-common-ancestor-of-a-binary-tree/)

[剑指 Offer 68 - I. 二叉搜索树的最近公共祖先（中等）](https://leetcode-cn.com/problems/er-cha-sou-suo-shu-de-zui-jin-gong-gong-zu-xian-lcof/)

题型6：二叉树转单、双、循环链表

[114. 二叉树展开为链表（中等）](https://leetcode-cn.com/problems/flatten-binary-tree-to-linked-list/)

[面试题 17.12. BiNode（中等）](https://leetcode-cn.com/problems/binode-lcci/)

[剑指 Offer 36. 二叉搜索树与双向链表（中等）](https://leetcode-cn.com/problems/er-cha-sou-suo-shu-yu-shuang-xiang-lian-biao-lcof/)

[面试题 04.03. 特定深度节点链表（中等）](https://leetcode-cn.com/problems/list-of-depth-lcci/)

题型7：按照遍历结果反向构建二叉树

[105. 从前序与中序遍历序列构造二叉树（中等）](https://leetcode-cn.com/problems/construct-binary-tree-from-preorder-and-inorder-traversal/)

[889. 根据前序和后序遍历构造二叉树（中等）](https://leetcode-cn.com/problems/construct-binary-tree-from-preorder-and-postorder-traversal/)

[106. 从中序与后序遍历序列构造二叉树（中等）](https://leetcode-cn.com/problems/construct-binary-tree-from-inorder-and-postorder-traversal/)

[剑指 Offer 33. 二叉搜索树的后序遍历序列（中等）](https://leetcode-cn.com/problems/er-cha-sou-suo-shu-de-hou-xu-bian-li-xu-lie-lcof/)

题型8：二叉树上的最长路径和

[剑指 Offer 34. 二叉树中和为某一值的路径（中等）](https://leetcode-cn.com/problems/er-cha-shu-zhong-he-wei-mou-yi-zhi-de-lu-jing-lcof/)

[124. 二叉树中的最大路径和 （困难）](https://leetcode-cn.com/problems/binary-tree-maximum-path-sum/)

[437. 路径总和 III （困难）](https://leetcode-cn.com/problems/path-sum-iii/)

前缀树题

[208. 实现 Trie (前缀树) （中等） 标准Trie树](https://leetcode-cn.com/problems/implement-trie-prefix-tree/)

以下为选做题目：

[面试题 17.17. 多次搜索（中等） 标准AC自动机，不过写AC自动机太复杂，Trie树搞定](https://leetcode-cn.com/problems/multi-search-lcci/)

[212. 单词搜索 II（困难）](https://leetcode-cn.com/problems/word-search-ii/)

BFS/DFS题

[23. 合并K个升序链表(困难)](https://leetcode-cn.com/problems/merge-k-sorted-lists/)

[347. 前 K 个高频元素（中等）](https://leetcode-cn.com/problems/top-k-frequent-elements/)

[973. 最接近原点的 K 个点（中等）](https://leetcode-cn.com/problems/k-closest-points-to-origin/)

[295. 数据流的中位数（困难）](https://leetcode-cn.com/problems/find-median-from-data-stream/)

[313. 超级丑数（中等）](https://leetcode-cn.com/problems/super-ugly-number/)

回溯题

[面试题 08.12. 八皇后（困难）](https://leetcode-cn.com/problems/eight-queens-lcci/)

[51. N 皇后（困难）](https://leetcode-cn.com/problems/n-queens/)

[37. 解数独](https://leetcode-cn.com/problems/sudoku-solver/)

[17. 电话号码的字母组合 （中等）](https://leetcode-cn.com/problems/letter-combinations-of-a-phone-number/)

[77. 组合 （中等） 给n个数返回所有k个数的组合](https://leetcode-cn.com/problems/combinations/)

[78. 子集（中等） 所有的组合](https://leetcode-cn.com/problems/subsets/)

[90. 子集 II（中等）有重复数据](https://leetcode-cn.com/problems/subsets-ii/)

[46. 全排列 （中等） 所有排列](https://leetcode-cn.com/problems/permutations/)

[47. 全排列 II（中等） 有重复数据](https://leetcode-cn.com/problems/permutations-ii/)

[39. 组合总和 （中等） 选出某几个数相加为给定和，无重复数据，可以使用多次，不能有重复答案](https://leetcode-cn.com/problems/combination-sum/)

[40. 组合总和 II（中等）选出某几个数相加为给定和，有重复数据，只能使用一次，不能有重复答案](https://leetcode-cn.com/problems/combination-sum-ii/)

[216. 组合总和 III（中等） 选出k个数相加为给定和，没有重复数据，只能使用一次](https://leetcode-cn.com/problems/combination-sum-iii/)

[131. 分割回文串（中等）](https://leetcode-cn.com/problems/palindrome-partitioning/)

[93. 复原 IP 地址（中等）](https://leetcode-cn.com/problems/restore-ip-addresses/)

[22. 括号生成（中等）](https://leetcode-cn.com/problems/generate-parentheses/)

买卖股票题

[121. 买卖股票的最佳时机](https://leetcode-cn.com/problems/best-time-to-buy-and-sell-stock/)

[122. 买卖股票的最佳时机 II](https://leetcode-cn.com/problems/best-time-to-buy-and-sell-stock-ii/)

[714. 买卖股票的最佳时机含手续](https://leetcode-cn.com/problems/best-time-to-buy-and-sell-stock-with-transaction-fee/)

[309. 最佳买卖股票时机含冷冻期](https://leetcode-cn.com/problems/best-time-to-buy-and-sell-stock-with-cooldown/)

[300. 最长递增子序列](https://leetcode-cn.com/problems/longest-increasing-subsequence/)

[62. 不同路径](https://leetcode-cn.com/problems/unique-paths/)

[64. 最小路径和](https://leetcode-cn.com/problems/minimum-path-sum/)

[剑指 Offer 47. 礼物的最大价值](https://leetcode-cn.com/problems/li-wu-de-zui-da-jie-zhi-lcof/)

[1143. 最长公共子序列](https://leetcode-cn.com/problems/longest-common-subsequence/)

[72. 编辑距离](https://leetcode-cn.com/problems/edit-distance/)

[10. 正则表达式匹配](https://leetcode-cn.com/problems/regular-expression-matching/)

[剑指 Offer 14- I. 剪绳子](https://leetcode-cn.com/problems/jian-sheng-zi-lcof/)

[剑指 Offer 46. 把数字翻译成字符串](https://leetcode-cn.com/problems/ba-shu-zi-fan-yi-cheng-zi-fu-chuan-lcof/)

[139. 单词拆分](https://leetcode-cn.com/problems/word-break/)

[437. 路径总和 III](https://leetcode-cn.com/problems/path-sum-iii/)

打家劫舍题

[198. 打家劫舍](https://leetcode-cn.com/problems/house-robber/)

[337. 打家劫舍 III](https://leetcode-cn.com/problems/house-robber-iii/)

[面试题 17.16. 按摩师](https://leetcode-cn.com/problems/the-masseuse-lcci/)

背包题

[416. 分割等和子集](https://leetcode-cn.com/problems/partition-equal-subset-sum/)

[494. 目标和](https://leetcode-cn.com/problems/target-sum/)

[279. 完全平方数](https://leetcode-cn.com/problems/perfect-squares/)

[322. 零钱兑换](https://leetcode-cn.com/problems/coin-change/)

[518. 零钱兑换 II](https://leetcode-cn.com/problems/coin-change-2/)

[377. 组合总和 Ⅳ](https://leetcode-cn.com/problems/combination-sum-iv/)