剑指 offer 刷题链接

a. 建议不要刷牛客专题，测试用例较弱；
b. lintcode 测试用例强于 leetcode，leetcode 的解题思路讨论好于 lintcode；
c. 没有链接的是没找到／没做，后面 59-66 没整理

牛客网专题（测试用例比较弱）
https://www.nowcoder.com/ta/coding-interviews?page=1

3.数组中重复的数字
https://leetcode.com/problems/find-the-duplicate-number/description/
https://leetcode.com/problems/find-all-duplicates-in-an-array/description/
https://www.lintcode.com/problem/find-the-duplicate-number/description （不修改数组）

4.二维数组查找
https://leetcode.com/problems/search-a-2d-matrix/description/

5.替换空格
https://www.lintcode.com/problem/space-replacement/description

6.从尾到头打印链表

7.重建二叉树
https://www.lintcode.com/problem/construct-binary-tree-from-preorder-and-inorder-traversal/description （前+中）
https://www.lintcode.com/problem/construct-binary-tree-from-inorder-and-postorder-traversal/description （中+后）

8.二叉树的下一个节点

9.栈实现队列
https://www.lintcode.com/problem/implement-queue-by-two-stacks/description

10.斐波那契数列
https://www.lintcode.com/problem/fibonacci/description
https://www.lintcode.com/problem/climbing-stairs/description

11.旋转数组最小数字
https://www.lintcode.com/problem/find-minimum-in-rotated-sorted-array/description

12.矩阵中路径
13.机器人运动范围
14.剪绳子

15.二进制中 1 的个数
https://www.lintcode.com/problem/count-1-in-binary/description

16.数值的整数次方
https://leetcode.com/problems/powx-n/description/

17.从 1 打印到最大的 n 位数

18.删除链表的节点
https://leetcode.com/problems/remove-linked-list-elements/description/
https://www.lintcode.com/problem/remove-duplicates-from-sorted-list/description

19.正则表达式匹配
20.表示数值的字符串

21.调整数组顺序使奇数位于偶数前面
https://www.lintcode.com/problem/partition-array-by-odd-and-even/description

22.链表中倒数第 k 个节点
https://www.lintcode.com/problem/nth-to-last-node-in-list/description

23.链表环入口节点
https://www.lintcode.com/problem/linked-list-cycle-ii/description

24.反转链表
https://www.lintcode.com/problem/reverse-linked-list/description

25.合并排序链表
https://www.lintcode.com/problem/merge-two-sorted-lists/description

26.树的子结构
https://www.lintcode.com/problem/subtree/description

27.二叉树的镜像
https://www.lintcode.com/problem/invert-binary-tree/description

28.对称的二叉树
https://leetcode.com/problems/symmetric-tree/description/

29.顺时针打印矩阵
https://leetcode.com/problems/spiral-matrix/description/

30.包含 min 函数的栈
https://www.lintcode.com/problem/min-stack/description

31.栈的压入、弹出序列

32.从上到下打印二叉树
https://www.lintcode.com/problem/binary-tree-level-order-traversal/description
https://www.lintcode.com/problem/binary-tree-zigzag-level-order-traversal/description

33.二叉搜索树的后续遍历序列
https://www.lintcode.com/problem/binary-tree-postorder-traversal/description

34.二叉树中和为某一值的路径
https://leetcode.com/problems/path-sum/description/
https://leetcode.com/problems/path-sum-ii/description/

35.复杂链表的复制
https://leetcode.com/problems/copy-list-with-random-pointer/

36.二叉搜索树与双向链表
https://www.lintcode.com/problem/convert-binary-search-tree-to-doubly-linked-list/description

37.序列化二叉树
https://www.lintcode.com/problem/serialize-and-deserialize-binary-tree/description

38.字符串的排列
https://www.lintcode.com/problem/permutations/description

39.数组中出现次数超过一半的数字
https://www.lintcode.com/problem/majority-element/description

40.最小的 k 个数
https://www.lintcode.com/problem/kth-largest-element/description https://www.lintcode.com/problem/top-k-largest-numbers/description

41.数据流中的中位数
https://www.lintcode.com/problem/find-median-from-data-stream/description

42.连续子数组最大和（经常遇到）
https://leetcode.com/problems/maximum-subarray/description/
https://www.lintcode.com/problem/continuous-subarray-sum/description

43.1-n 整数中 1 出现的次数
https://leetcode.com/problems/number-of-digit-one/

44.数字序列中某一位的数字

https://leetcode.com/problems/nth-digit/

45.把数组排成最小的数
https://www.lintcode.com/problem/reorder-array-to-construct-the-minimum-number/description

46.数字翻译成字符串

47.礼物的最大价值
https://www.lintcode.com/problem/minimum-path-sum/description

48.最长不含重复字符的子字符串
https://www.lintcode.com/problem/longest-substring-without-repeating-characters/description

49.丑数
https://www.lintcode.com/problem/ugly-number-ii/description

50.第一次只出现一次的字符
https://www.lintcode.com/problem/first-unique-character-in-a-string/description

51.数组中的逆序对
https://www.lintcode.com/problem/reverse-pairs/description

52.两个链表的第一个公共节点
https://www.lintcode.com/problem/intersection-of-two-linked-lists/description

53.在排序数组中查找数字
https://leetcode.com/problems/find-first-and-last-position-of-element-in-sorted-array/description/
https://leetcode.com/problems/missing-number/description/

54.二叉搜索树的第 k 大节点
https://leetcode.com/problems/kth-smallest-element-in-a-bst/description/

55.二叉树的深度
https://www.lintcode.com/problem/maximum-depth-of-binary-tree/description
https://www.lintcode.com/problem/balanced-binary-tree/description

56.数组中数字出现的次数
https://www.lintcode.com/problem/single-number/description (除了 1 个数字，每个数字都出现 2 次)
https://www.lintcode.com/problem/single-number-ii/description （除了 1 个数字，每个数字都出现 3 次）
https://www.lintcode.com/problem/single-number-iii/description (除了 2 个不相等的数字，每个数组都出现 2 次)

https://www.lintcode.com/problem/single-number-iv/description （除了 1 个数字，其他都出现 2 次且相邻，二分法）

57.和为 s 的数字
https://www.lintcode.com/problem/two-sum-ii-input-array-is-sorted/description （2Sum 排序 返回下标）

58.翻转字符串
https://www.lintcode.com/problem/reverse-words-in-a-string/description
https://www.lintcode.com/problem/rotate-string/description

其他：
2Sum、3Sum 系列：https://www.lintcode.com/problem/two-sum/description

二叉树的遍历 （非递归）
前序：https://www.lintcode.com/problem/binary-tree-preorder-traversal/description
中序：https://www.lintcode.com/problem/binary-tree-inorder-traversal/description
后序：https://www.lintcode.com/problem/binary-tree-postorder-traversal/description

最长上升子序列：https://www.lintcode.com/problem/longest-increasing-subsequence/description
最长回文子串：https://www.lintcode.com/problem/longest-palindromic-substring/description
最长回文子序列：https://www.lintcode.com/problem/longest-palindromic-subsequence/description
最长公共子串：https://www.lintcode.com/problem/longest-common-substring/
最长公共子序列：https://www.lintcode.com/problem/longest-common-subsequence/description
编辑距离：https://www.lintcode.com/problem/edit-distance/description