LeetCode daily record

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| **日期** | **题号** | **题目** | **难度** | **类型** | **解法** | **耗时** | **备注** | **经典** |
| 1.30 | 110 | 平衡二叉树 | 简单 | 树 | 递归，迭代 | 20min | 只做了递归解法，看了题解 |  |
|  | 208 | 实现 Trie (前缀树) | 中等 | 树 | 哈希表+迭代 | 30min | 看了题解 | 1 |
| 1.31 | 211 | 添加与搜索单词 - 数据结构设计 | 中等 | 树 | 哈希表+迭代 | 30min | 看了题解，细节问题多 | 1 |
|  | 938 | [二叉搜索树的范围和](https://leetcode-cn.com/problems/range-sum-of-bst/) | Easy | 树 | 递归 | 30min | 注意要用到bst！ |  |
| 2.1 | 94 | 二叉树中序遍历 | 中等 | 树 | 递归 | 2min |  |  |
|  | 3 | [无重复字符的最长子串](https://leetcode-cn.com/problems/longest-substring-without-repeating-characters/) | 中等 | 字符串 | 滑动窗口 | 9min | 看了题解才会 |  |
|  | 1438 | [绝对差不超过限制的最长连续子数组](https://leetcode-cn.com/problems/longest-continuous-subarray-with-absolute-diff-less-than-or-equal-to-limit/) | 中等 | 数组 | 滑动窗口+单调栈 | 20min | 看题解写的 | 1 |
| 2.2 | 105 | [从前序与中序遍历序列构造二叉树](https://leetcode-cn.com/problems/construct-binary-tree-from-preorder-and-inorder-traversal/) | 中等 | 树 | 递归 | 没ac |  |  |
|  | 剑指58 | 翻转单词顺序 | 简单 | 数组 | 双指针 | 6min |  |  |
|  | 240 | [搜索二维矩阵 II](https://leetcode-cn.com/problems/search-a-2d-matrix-ii/) | 中等 | 数组 | 二分法 | 10min |  |  |
| 2.3 | 1004 | 最大连续 1 的个数 III | 中等 | 数组 | 滑动窗口 | 10min | 看了题解才会，巧用窗口0不能超过limit |  |
|  | 172 | [阶乘后的零](https://leetcode-cn.com/problems/factorial-trailing-zeroes/) | 简单 | 数学 | 数学规律 | 5min | 看了题解才会，巧用5的幂 |  |
|  | 128 | [最长连续序列](https://leetcode-cn.com/problems/longest-consecutive-sequence/) | 困难 | 数组 | 哈希表 | 30min | 看了题解才会，哈希表+动态规划 |  |
| 2.4 | 42 | 接雨水 | 困难 | 数组 | 动态规划 | 20min | 看了题解才会，没解决双指针解法 |  |
|  | 72 | 编辑距离 | 困难 | 数组 | 递归 | - | 待解决：dp |  |
|  | 912 | [排序数组](https://leetcode-cn.com/problems/sort-an-array/) | 中等 | 数组 | 归并排序 |  | 不会写 |  |
| 2.5 | 424 | [替换后的最长重复字符](https://leetcode-cn.com/problems/longest-repeating-character-replacement/) | 中等 | 数组 | 滑动窗口 |  | 不会，思考了很久才理解 | 1 |
|  | 剑指14.1 | 剪绳子 | 中等 | 贪心 | 贪心 |  | 不会，思考了很久才理解 |  |
|  | 剑指14.2 | 剪绳子 | 中等 | 贪心 | 贪心+大数求余 |  | 不会，思考了很久才理解 |  |
|  | 剑指68 | [股票的最大利润](https://leetcode-cn.com/problems/gu-piao-de-zui-da-li-run-lcof/) | 中等 | 股票 | Dp |  | 看了眼题解，忘记了减最小值这步 |  |
| 2.6 | 88 | [合并两个有序数组](https://leetcode-cn.com/problems/merge-sorted-array/) | 简单 | 数组 | 双指针/逆向指针 | 20min | 逆向指针减小空间复杂度到o（1） |  |
|  | 剑指47 | [礼物的最大价值](https://leetcode-cn.com/problems/li-wu-de-zui-da-jie-zhi-lcof) | 中等 | 2d数组 | Dp | 30min |  |  |
| 2.7 | 76 | 最小覆盖子串 | 困难 | 数组 | 滑动窗口+哈希表 | 1h以上 | 看题解后，自己写出； 注意判断条件的确定，不清楚能否优化 |  |
|  | 剑指09 | [用两个栈实现队列](https://leetcode-cn.com/problems/yong-liang-ge-zhan-shi-xian-dui-lie-lcof/) | 简单 | 栈 | 双栈实现队列 | 40min | Ac，插入队列复杂度高了，不需要考虑多种情况，直接加元素到headstack就好了 |  |
|  | 剑指30 | [包含min函数的栈](https://leetcode-cn.com/problems/bao-han-minhan-shu-de-zhan-lcof/) | 简单 | 栈 | 辅助栈 | 20min |  |  |
| 2.8 | 剑指62 | 约瑟夫环 | 简单 | 数组 | 数学法-求模 | 10min | 链表o（mn），根据数据范围看，超时；看了题解：数学法 |  |
|  | 剑指45 | [把数组排成最小的数](https://leetcode-cn.com/problems/ba-shu-zu-pai-cheng-zui-xiao-de-shu-lcof/) | 中等 | 数组 | 快速排序 |  | 看题解的 | 1 |
| 2.9 | 71 | [简化路径](https://leetcode-cn.com/problems/simplify-path/) | 中等 | 字符串 | 栈 | 10min | 看题解做的 | 1 |
|  | 150 | [逆波兰表达式求值](https://leetcode-cn.com/problems/evaluate-reverse-polish-notation) | 中等 | 数组 | 栈 | 10min |  |  |
|  | 160 | [相交链表](https://leetcode-cn.com/problems/intersection-of-two-linked-lists/) | 简单 | 链表 | 链表 | 10min |  |  |
| 2.10 | 224 | [基本计算器](https://leetcode-cn.com/problems/basic-calculator/) | 困难 | 字符串 | 栈 | 2h | 写不出 | 1 |
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