数组：

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P1047 校门外的树 <https://www.luogu.com.cn/problem/P1047>

P2141 珠心算测验 <https://www.luogu.com.cn/problem/P2141>

P5594 【XR-4】模拟赛 <https://www.luogu.com.cn/problem/P5594>

字符串

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P5015 标题统计 <https://www.luogu.com.cn/problem/P5015>

P1308 统计单词数 <https://www.luogu.com.cn/problem/P1308>

P5587 打字练习 <https://www.luogu.com.cn/problem/P5587>

函数，递归及递推

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- [P1028 数的计算](<https://www.luogu.com.cn/problem/P1028>)

- [P1464 Function](<https://www.luogu.com.cn/problem/P1464>)

- [P5534 【XR-3】等差数列](<https://www.luogu.com.cn/problem/P5534>)

- [P4994 终于结束的起点](<https://www.luogu.com.cn/problem/P4994>)

模拟

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- [P2482 [SDOI2010\]猪国杀](<https://www.luogu.com.cn/problem/P2482>)

- [P5380 [THUPC2019\]鸭棋](<https://www.luogu.com.cn/problem/P5380>)

排序算法

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- [P1177 【模板】快速排序](<https://www.luogu.com.cn/problem/P1177>)

- [P1059 明明的随机数](<https://www.luogu.com.cn/problem/P1059>)

- [P1068 分数线划定](<https://www.luogu.com.cn/problem/P1068>)

- [P1051 谁拿了最多奖学金](<https://www.luogu.com.cn/problem/P1051>)

- [P1309 瑞士轮](<https://www.luogu.com.cn/problem/P1309>)

- [P1908 逆序对](<https://www.luogu.com.cn/problem/P1908>)

二分

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- [P1083 借教室](<https://www.luogu.com.cn/problem/P1083>)

- [P4343 [SHOI2015\]自动刷题机](<https://www.luogu.com.cn/problem/P4343>)

- 分治

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- [P1226 【模板】快速幂||取余运算](<https://www.luogu.com.cn/problem/P1226>)

- [P3612 [USACO17JAN\]Secret Cow Code](<https://www.luogu.com.cn/problem/P3612>)

- ### 贪心

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- [P1080 国王游戏](<https://www.luogu.com.cn/problem/P1080>)

- [P2123 皇后游戏](<https://www.luogu.com.cn/problem/P2123>)

- ### 高精度

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- [P1601 A+B Problem（高精）](<https://www.luogu.com.cn/problem/P1601>)

- [P2142 高精度减法](<https://www.luogu.com.cn/problem/P2142>)

- [P1303 A\*B Problem](<https://www.luogu.com.cn/problem/P1303>)

- [P1480 A/B Problem](<https://www.luogu.com.cn/problem/P1480>)

- [P1009 阶乘之和](<https://www.luogu.com.cn/problem/P1009>)

- ### 深度优先搜索

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- [P5440 【XR-2】奇迹](<https://www.luogu.com.cn/problem/P5440>)

- [P1378 油滴扩展](<https://www.luogu.com.cn/problem/P1378>)

- ### 广度优先搜索

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- [P1032 字串变换](<https://www.luogu.com.cn/problem/P1032>)

- [P1126 机器人搬重物](<https://www.luogu.com.cn/problem/P1126>)

- ### 记忆化搜索

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- [P1434 [SHOI2002\]滑雪](<https://www.luogu.com.cn/problem/P1434>)

- ### 搜索的剪枝

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- [P1120 小木棍 ［数据加强版］](<https://www.luogu.com.cn/problem/P1120>)

- [P1312 Mayan游戏](<https://www.luogu.com.cn/problem/P1312>)

- ### 线性动态规划

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- [P3558 [POI2013\]BAJ-Bytecomputer](<https://www.luogu.com.cn/problem/P3558>)

- [P4158 [SCOI2009\]粉刷匠](<https://www.luogu.com.cn/problem/P4158>)

- [P5301 [GXOI/GZOI2019\]宝牌一大堆](<https://www.luogu.com.cn/problem/P5301>)

- ### 背包动态规划

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- [P2946 [USACO09MAR\]Cow Frisbee Team](<https://www.luogu.com.cn/problem/P2946>)

- [P5322 [BJOI2019\]排兵布阵](<https://www.luogu.com.cn/problem/P5322>)

- [P5289 [十二省联考2019\]皮配]( <https://www.luogu.com.cn/problem/P5289>)

- ### 区间动态规划

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- [P4170 [CQOI2007\]涂色](<https://www.luogu.com.cn/problem/P4170>)

- [P4302 [SCOI2003\]字符串折叠](<https://www.luogu.com.cn/problem/P4302>)

- ### 字符串哈希

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- [P3370 【模板】字符串哈希](<https://www.luogu.com.cn/problem/P3370>)

- ### KMP

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- [P3375 【模板】KMP字符串匹配](<https://www.luogu.com.cn/problem/P3375>)

- ### Trie树

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- [P2922 [USACO08DEC\]Secret Message](<https://www.luogu.com.cn/problem/P2922>)

- [P3065 [USACO12DEC\]First!](<https://www.luogu.com.cn/problem/P3065>)

- ### 位运算

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- [P5538 【XR-3】Namid[A\]me](<https://www.luogu.com.cn/problem/P5538>)

- [P5539 【XR-3】Unknown Mother-Goose](<https://www.luogu.com.cn/problem/P5539>)

- #### 素数

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- [P4718 【模板】Pollard-Rho算法](<https://www.luogu.com.cn/problem/P4718>)

- #### 最大公约数

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- [P5435 【模板】快速 GCD](<https://www.luogu.com.cn/problem/P5435>)

- ### 并查集

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- [P4185 [USACO18JAN\]MooTube G](<https://www.luogu.com.cn/problem/P4185>)

- [P2024 [NOI2001\]食物链](<https://www.luogu.com.cn/problem/P2024>)

- ### 二叉堆

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- [P3378 【模板】堆](<https://www.luogu.com.cn/problem/P3378>)

- ### 最短路问题

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- [P3371 【模板】单源最短路径（弱化版）](<https://www.luogu.com.cn/problem/P3371>)

- [P4779 【模板】单源最短路径（标准版）](<https://www.luogu.com.cn/problem/P4779>)

- [P5905 【模板】Johnson 全源最短路](<https://www.luogu.com.cn/problem/P5905>)

- #### 最近公共祖先

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- [P3379 【模板】最近公共祖先（LCA）](<https://www.luogu.com.cn/problem/P3379>)

- ### 图的连通性相关

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- [P3387 【模板】缩点](<https://www.luogu.com.cn/problem/P3387>)

- [P3388 【模板】割点（割顶）](<https://www.luogu.com.cn/problem/P3388>)

- ### 网络流

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- [P3376 【模板】网络最大流](<https://www.luogu.com.cn/problem/P3376>)

- [P4722 【模板】最大流 加强版 / 预流推进](<https://www.luogu.com.cn/problem/P4722>)

- #### 费用流

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- [P3381 【模板】最小费用最大流](<https://www.luogu.com.cn/problem/P3381>)