标签 偏序 下的文章

首页 (https://blog.orzsiyuan.com/) / 偏序

「算法笔记」CDQ 分治 (https://blog.orzsiyuan.com/archives/CDQ-Divide-and-Conquer/)

CDQ 分治是我们处理各类问题的重要武器。它的优势在于可以顶替复杂的高级数据结构，而且常数比较小；缺点在于必须离线操作。

Siyuan (https://blog.orzsiyuan.com/author/1/) 2019 年 03 月 12 日

「TJOI / HEOI 2016」序列 (https://blog.orzsiyuan.com/archives/TJOI-HEOI-2016-Sequence/)

题目链接：LOJ 2056 (https://loj.ac/problem/2056)

佳媛姐姐过生日的时候，她的小伙伴从某宝上买了一个有趣的玩具送给他。

玩具上有一个长度为 n 的数列 a_i，数列中某些项的值可能会变化，但同一个时刻最多只有一个值发生变化。现在佳媛姐姐已经研究出了所有 m 种变化的可能性，她想请教你，能否选出一个子序列，使得在任意一种变化中，这个子序列都是不降的。请你告诉她这个子序列的最长长度即可。

数据范围：$1 \le n, m, a_i \le 10^5$ 。

Siyuan (https://blog.orzsiyuan.com/author/1/) 2019 年 03 月 12 日

「LOJ 112」三维偏序 (https://blog.orzsiyuan.com/archives/LOJ-112-Three-Dimensional-Partial-Order/)

题目链接：LOJ 112 (https://loj.ac/problem/112)

有 n 个元素，第 i 个元素有 a_i、b_i、c_i 三个属性，设 $f(i)$ 表示满足 $a_j \le a_i$ 且 $b_j \le b_i$ 且 $c_j \le c_i$ 的 j 的数量。

对于 $d \in [0, n)$，求 $f(i) = d$ 的 i 的数量。

数据范围：$1 \le n \le 10^5$，$1 \le a_i, b_i, c_i \le 2 \times 10^5$。

Siyuan (https://blog.orzsiyuan.com/author/1/) 2019 年 03 月 11 日

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[CSP 2019 算法模板复习](http://blog.orzsiyuan.com/archives/hehezhou-AK-CSP-2019/) (https://blog.orzsiyuan.com/archives/hehezhou-AK-CSP-2019/) 2892

[算法笔记] 多项式模板 (https://blog.orzsiyuan.com/archives/Polynomial-Template/) (https://blog.orzsiyuan.com/archives/Polynomial-Template/) 1080

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[TJOI 2019] 唱、跳、rap 和篮球 (https://blog.orzsiyuan.com/archives/TJOI-2019-Sing-Dance-Rap-and-Basketball/) (https://blog.orzsiyuan.com/archives/TJOI-2019-Sing-Dance-Rap-and-Basketball/) 843

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