标签 Two Pointers 下的文章

🏠 首页 (https://blog.orzsiyuan.com/) / Two Pointers

｢Codeforces 204E｣Little Elephant and Strings (https://blog.orzsiyuan.com/archives/Codeforces-204E-Little-Elephant-and-Strings/)

> 题目链接：Codeforces 204E (https://codeforces.com/contest/204/problem/E)

小象非常喜欢字符串。他拥有 n 个包含小写字母的字符串，第 i 个字符串记为 a_i。对于每个字符串 $a_i(1 \le i \le n)$，小象想要求出二元组 (l, r) 的对数，其中 (l, r) 需要满足：$1 \le l \le r \le |a_i|$ 且子串 $a_i[l\dots r]$ 是至少 k 个字符串的子串。

数据范围：$1 \le n, k \le 10^5$，$\sum_{i=1}^{n} |a_i| \le 10^5$。

👤 Siyuan (https://blog.orzsiyuan.com/author/1/)　⏱ 2019 年 04 月 14 日

｢Codeforces 70C｣Lucky Tickets (https://blog.orzsiyuan.com/archives/Codeforces-70C-Lucky-Tickets/)

> 题目链接：Codeforces 70C (https://codeforces.com/contest/70/problem/C)

在海象国，一张车票由 2 个数字组成 (a, b)，表示第 a 系列车票的第 b 张。定义一张车票是幸运的当且仅当 $a \times b = \mathrm{rev}(a) \times \mathrm{rev}(b)$，其中 $\mathrm{rev}(x)$ 函数是将 x 在十进制下翻转的结果（去掉前导零）。

交通管理委员会想新发布 x 个系列的车票，每个系列包含 y 张车票，要求这里面至少有 w 张幸运的车票，并且车票总数 $x \times y$ 要尽量少。系列号由 1 到 x 标号，车票号由 1 到 y 标号。委员会要求不能发布超过 $\max_x$ 个系列，每个系列不能超过 $\max_y$ 张车票。无解输出 -1。

数据范围：$1 \le \max_x, \max_y \le 10^5$，$1 \le w \le 10^7$。

👤 Siyuan (https://blog.orzsiyuan.com/author/1/)　⏱ 2019 年 03 月 09 日

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[SDOI 2017 数字表格 (https://blog.orzsiyuan.com/archives/SDOI-2017-Number-Table/)](https://blog.orzsiyuan.com/archives/SDOI-2017-Number-Table/) 👁 1028
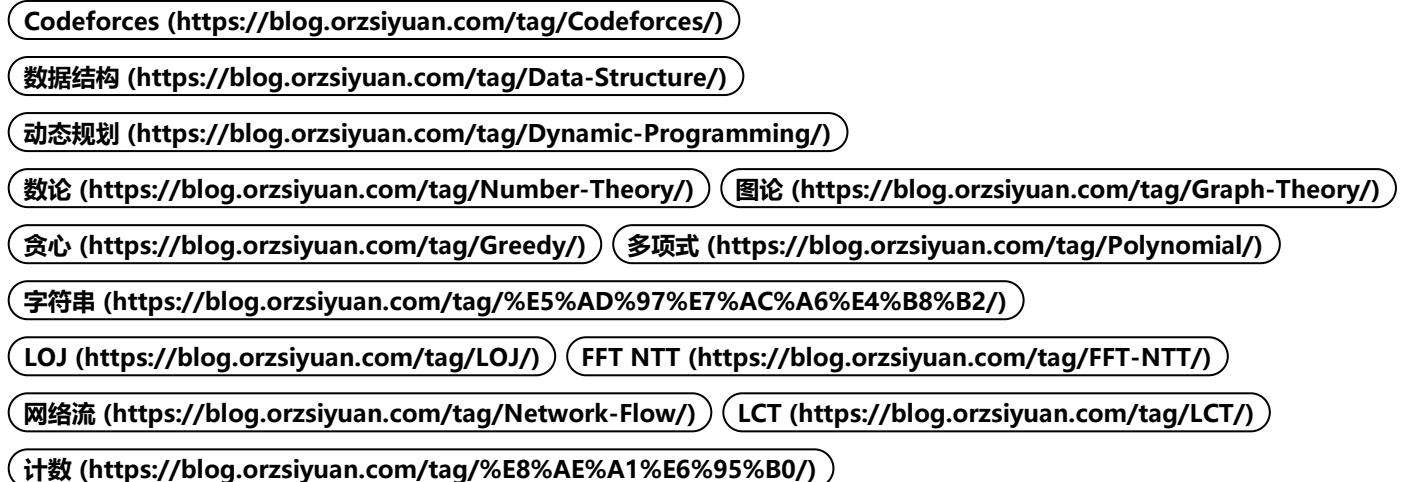
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⚏ 运行天数	**1年25天**
⟳ 最后活动	**4 个月前**

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