标签 区间 DP 下的文章

「Codeforces 1178F2」Long Colorful Strip (https://blog.orzsiyuan.com/archives/Codeforces-1178F2-Long-Colorful-Strip/)

> 题目链接：Codeforces 1178F2 (https://codeforces.com/contest/1178/problem/F2)

世界上有 n + 1 种不同的颜色，从 0 到 n 标号。现在你有一张长度为 m 的纸，所有位置的初始颜色均为 0。

Alice 通过如下步骤队这张纸染色。她按顺序使用颜色 1 到 n 染色，对于第 i 种颜色，她选择两个整数 $1 \le a_i \le b_i \le m$ 满足位置 $[a_i, b_i]$ 的颜色相同，然后把区间 $[a_i, b_i]$ 都染成颜色 i。

通过所有操作，Alice 需要把第 i 个位置染成颜色 c_i，你需要求出满足条件的序列对 $\{a_i\}_{ni=1}, \{b_i\}_{ni=1}$ 的数量，答案对 998244353 取模。

数据范围：$1 \le n \le 500$，$n \le m \le 10^6$，$1 \le c_i \le n$，$\forall 1 \le j \le n, \exists k, c_k = j$。

Siyuan（https://blog.orzsiyuan.com/author/1/） 2019 年 07 月 22 日

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