2025/11/29 16:08 1/2 A - Multiples of Length

A - Multiples of Length

题意

给定一个长度为n的序列。一次操作要选中一个区间,将这个区间里的每个数加上区间长度的整数倍。构造一个三次操作将序列全变为0的方案。

限制

\$1\le n \le 10^5\$

题解

B - Stoned Game

题意

n堆石子,两人轮流取,每次取一个,但不能从上一个人选的那堆中取石子。问谁赢。

限制

\$1\le n \le 100,1\le a i \le 100\$

题解

若存在一堆石子大于其余所有石子之和,则先手胜。否则石子总数之和为奇数则先手胜,为偶数则后手胜。

C - Rainbow Rectangles

题意

n层塔,每层有\$a_i\$个小怪和一个大怪。小怪有一滴血,大怪两滴血。在一层有三种操作。第一是\$r_1\$的代价打一个怪1滴血,第二是\$r_2\$的代价打所有怪1滴血,第三是\$r_3\$秒杀一个怪。上一层或下一层需要花费d□如果对大怪造成了伤害却没有杀死大怪,则强制立即上一层或下一层(需要花费d□□一开始在第一层。问杀死所有怪的最小花费。

 $\label{lem:update:update:2020/09/04} \ \ 2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=2020-2021: teams: hotpot: code forces 666 div 1 \ https://wiki.cvbbacm.com/doku.php?id=20$

限制

 $1\le n\le 10^6$, $1\le r_1\le r_2\le r_3$

题解

最优策略下,不会连续下两层(上二下二上二和上一下一上二下一上一是一样的)。因此可以用dp1[i]表 示第i层怪全部杀死,当前在第i+1层的最小花费□dp2[i]表示第i层还剩一滴血大怪,当前在第i+1层的最小 花费。转移比较复杂,但不是很难推。

From:

https://wiki.cvbbacm.com/ - CVBB ACM Team

Permanent link:

Last update: 2020/09/04 12:28



https://wiki.cvbbacm.com/ Printed on 2025/11/29 16:08