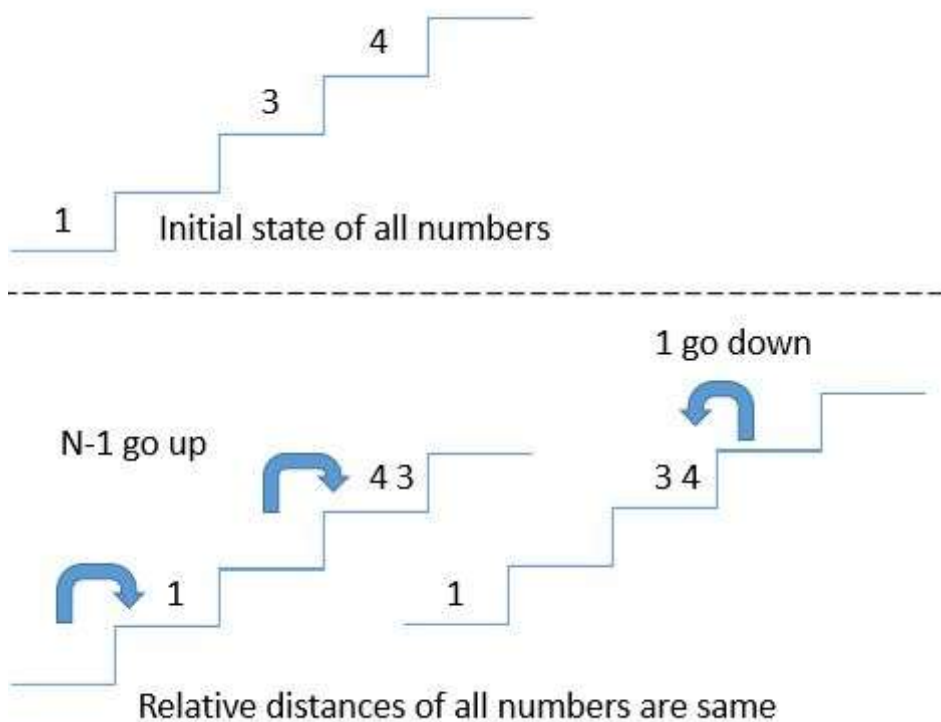| 📧 Description	🔒 Solution	💬 Discuss (642)	🕐 Submissions

slioon   ★ 335   Last Edit: September 14, 2018 10:32 AM

A more natural way to think about this question:

there is a staircase on which every numbers in array stand with corresponding step. '1' is on the 1st step an

A single move makes n-1 numbers step up, while on the other hand, we can also think a move as the rema
The relative distance between the numbers are same.

Our goal is to make all numbers on the same step.
Rather than move n-1 numbers up every time, why not just move one number down?

so the problem is simple:

1. find the min
2. move other numbers down to min.

number of moves = nums[0]-min + nums[1]-min + ... +nums[n]-min = sum - n * min

just another way to think of the magic equation.

▲ **334** ▼   💬 Hide 16 replies   ↩ Reply   📤 Share   ⚠ Report

reid   ★ 1   June 8, 2022 8:40 PM

this explanation is super clear for me tks!!!

▲ 1 ▼   ↩ Reply

slioon   ★ 335   March 6, 2022 11:42 PM

@codeater007 sry for the late reply. if the description is: **decrease** n-1 elements by 1. answer is reve