**Problem #1827: Minimum Operations to Make Array Increasing**

<https://leetcode.com/problems/minimum-operations-to-make-the-array-increasing/description/>

**My Solution:**

1. If length of nums array is less than or equal to 1, then return 0.
2. Initialize count to 0 where count is the number of operations needed to make nums strictly increasing.
3. For I in range 1 to length of nums, is nums at index (I – 1) is greater than or equal to nums at index I, the increment count by the difference between nums at index (I – 1) and nums at index I Plus 1. Now, nums at index I becomes nums at index (I – 1) plus 1.
4. Return count.

class Solution:

def minOperations(self, nums: List[int]) -> int:

if len(nums) <= 1:

return 0

count = 0

for i in range(1, len(nums)):

if nums[i - 1] >= nums[i]:

count += nums[i - 1] - nums[i] + 1

nums[i] = nums[i - 1] + 1

return count