TC1018 – Estructuras de Datos
Momento de Práctica 2 – Super Washing Machines (leetcode 517)
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Forma de Trabajo: *Individual*.
Forma de Entrega: Subir a Blackboard el código de tu solución y un archivo con la pantalla de Aceptado en la plataforma de LeetCode

***El presente problema pertenece a* LeetCode Online Judge (https://leetcode.com)**

Super Washing Machines

URL: https://leetcode.com/problems/super-washing-machines/description/

You have **n** super washing machines on a line. Initially, each washing machine has some dresses or is empty.

For each **move**, you could choose **any m** (1 ≤ m ≤ n) washing machines, and pass **one dress** of each washing machine to one of its adjacent washing machines **at the same time**.

Given an integer array representing the number of dresses in each washing machine from left to right on the line, you should find the **minimum number of moves** to make all the washing machines have the same number of dresses. If it is not possible to do it, return -1.

Example1

Input: [1,0,5]

Output: 3

Explanation:

1st move: 1 0 <-- 5 => 1 1 4
2nd move: 1 <-- 1 <-- 4 => 2 1 3
3rd move: 2 1 <-- 3 => 2 2 2

Example2

Input: [0,3,0]

Output: 2

Explanation:

1st move: 0 <-- 3 0 => 1 2 0
2nd move: 1 2 --> 0 => 1 1 1