Given an array of integers nums, you start with an initial **positive** value *startValue.*

In each iteration, you calculate the step by step sum of *startValue* plus elements in nums (from left to right).

Return the minimum **positive** value of *startValue* such that the step by step sum is never less than 1.

**Example 1:**

**Input:** nums = [-3,2,-3,4,2]

**Output:** 5

**Explanation:** If you choose startValue = 4, in the third iteration your step by step sum is less than 1.

**step by step sum**

**startValue = 4 | startValue = 5 | nums**

  (4 **-3** ) = 1 | (5 **-3** ) = 2 | -3

  (1 **+2** ) = 3 | (2 **+2** ) = 4 | 2

  (3 **-3** ) = 0 | (4 **-3** ) = 1 | -3

  (0 **+4** ) = 4 | (1 **+4** ) = 5 | 4

  (4 **+2** ) = 6 | (5 **+2** ) = 7 | 2

**Example 2:**

**Input:** nums = [1,2]

**Output:** 1

**Explanation:** Minimum start value should be positive.

**Example 3:**

**Input:** nums = [1,-2,-3]

**Output:** 5

**Constraints:**

* 1 <= nums.length <= 100
* -100 <= nums[i] <= 100