

747. Largest Number At Least Twice of Others

Description

You are given an integer array `nums` where the largest integer is **unique**.

Determine whether the largest element in the array is **at least twice** as much as every other number in the array. If it is, return *the index of the largest element, or return* `-1` *otherwise*.

Example 1:

Input: `nums = [3,6,1,0]`

Output: `1`

Explanation: 6 is the largest integer.

For every other number in the array `x`, 6 is at least twice as big as `x`.

The index of value 6 is 1, so we return 1.

Example 2:

Input: `nums = [1,2,3,4]`

Output: `-1`

Explanation: 4 is less than twice the value of 3, so we return -1.

Constraints:

- `2 <= nums.length <= 50`
- `0 <= nums[i] <= 100`
- The largest element in `nums` is unique.

