1732. Find the Highest Altitude

Easy

2.3K

204

Companies

There is a biker going on a road trip. The road trip consists of n + 1 points at different altitudes. The biker starts his trip on point 0 with altitude equal 0.

You are given an integer array gain of length n where gain[i] is the **net gain in altitude** between points i​​​​​​ and i + 1 for all (0 <= i < n). Return *the****highest altitude****of a point.*

**Example 1:**

**Input:** gain = [-5,1,5,0,-7]

**Output:** 1

**Explanation:** The altitudes are [0,-5,-4,1,1,-6]. The highest is 1.

**Example 2:**

**Input:** gain = [-4,-3,-2,-1,4,3,2]

**Output:** 0

**Explanation:** The altitudes are [0,-4,-7,-9,-10,-6,-3,-1]. The highest is 0.

**Constraints:**

* n == gain.length
* 1 <= n <= 100
* -100 <= gain[i] <= 100