Question #13 Longest Peak

Difficulty: Medium. Category: Arrays

Write a function that takes in an array of integers and returns the length of the longest peak in the array. A peak is defined as adjacent integers in the array that are strictly increasing until they reach a tip (the highest value in the peak), at which point they become strictly decreasing. At least three integers are required to form a peak. For example, the integers 1, 4, 10, 2 form a peak, but the integers 4, 0, 10 don't and neither do the integers 1, 2, 2, 0. Similarly, the integers 1, 2, 3 don't form a peak because there aren't any strictly decreasing integers after the 3.

Sample Input array = [1, 2, 3, 3, 4, 0, 10, 6, 5, -1, -3, 2, 3] Sample Output 6 // 0, 10, 6, 5, -1, -3

Good luck!

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