

Solution 1

```
1 # Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 # O(n) time | O(1) space - where n is the length of the input array
4 def longestPeak(array):
5     longestPeakLength = 0
6     i = 1
7     while i < len(array) - 1:
8         isPeak = array[i - 1] < array[i] and array[i] > array[i + 1]
9         if not isPeak:
10             i += 1
11             continue
12
13         leftIdx = i - 2
14         while leftIdx >= 0 and array[leftIdx] < array[leftIdx + 1]:
15             leftIdx -= 1
16         rightIdx = i + 2
17         while rightIdx < len(array) and array[rightIdx] < array[rightIdx - 1]:
18             rightIdx += 1
19
20         currentPeakLength = rightIdx - leftIdx - 1
21         longestPeakLength = max(longestPeakLength, currentPeakLength)
22         i = rightIdx
23     return longestPeakLength
24
```

Solution 1Solution 2Solution 3

```
1 def longestPeak(array):
2     # Write your code here.
3     pass
4
```

**Run or submit code when you're ready.**