

Given an array of integers, find the maximum possible sum you can get from one of its **contiguous subarrays**. The subarray from which this sum comes must contain at least 1 element.

Example

For `inputArray = [-2, 2, 5, -11, 6]`, the output should be
`arrayMaxConsecutiveSum2(inputArray) = 7`.

The contiguous subarray that gives the maximum possible sum is `[2, 5]`, with a sum of 7.

Input/Output

- **[execution time limit] 20 seconds (swift)**
- **[input] array.integer inputArray**

An array of integers.

Guaranteed constraints:

`3 ≤ inputArray.length ≤ 105,`
`-1000 ≤ inputArray[i] ≤ 1000.`

- **[output] integer**

The maximum possible sum of a subarray within `inputArray`.

[Swift3] Syntax Tips

```
// Prints help message to the console
// Returns a string
func helloWorld(name: String) -> String {
    print("This prints to the console when you Run Tests");
    return "Hello, " + name;
}
```