

```
function kadanesAlgorithm (arr) {  
  let bestSum = 0  
  let currSum = 0  
  
  for (let val of arr) {  
    currSum = Math.max(0, currSum + val)  
    bestSum = Math.max(bestSum, currSum)  
  }  
  
  if (bestSum === 0) {  
    bestSum = arr.length === 0 ? 0 : Math.max(...arr)  
  }  
  
  return bestSum  
}  
  
console.log(kadanesAlgorithm([2,-3, 3, 5, -9, 1]))
```