

PA08

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Code (Java)

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```
1 public class Solution {
2     public int maxSubArray(int[] nums) {
3         int len = nums.length;
4         int PrevSumElem=nums[0];
5         int maxSum=nums[0];
6
7         for (int i=1; i<len; i++) {
8
9             if (PrevSumElem>=0){
10                 PrevSumElem+=nums[i];
11             }
12
13             else{
14                 PrevSumElem=nums[i];
15             }
16
17             if (PrevSumElem > maxSum){
18                 maxSum = PrevSumElem;
19             }
20         }
21         return maxSum;
22     }
23 }
```

Custom Testcase ☐

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