Q13 **Kadane's Algorithm**

This algorithm is used to find a subarray which will be having maximum sum. This algorithm is a 3 or 4 step solution.

Step-1

Traverse the nums array. Initially sum variable is taken as 0 and maxi variable is taken as INT_MIN.

Step-2

update sum = sum + arr[i].

Step-3

Now update maxi by taking maximum out of sum and maxi.

Step-4

Also if sum is negative, then just make it zero. After traversing the whole array simply return maxi.

Note→ For dry run and codes, refer to Q8 as that question was same as that of this one.