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Maximum Subarray

class Solution {

public int maxSubArray(int[] nums) {

int maxSum = Integer.MIN\_VALUE;

int currentSum = 0;

for (int i = 0; i < nums.length; i++) {

currentSum += nums[i];

if (currentSum > maxSum) {

maxSum = currentSum;

}

if (currentSum < 0) {

currentSum = 0;

}

}

return maxSum;

}

}