# 42. 连续子数组的最大和

[NowCoder](https://www.nowcoder.com/practice/459bd355da1549fa8a49e350bf3df484?tpId=13&tqId=11183&tPage=1&rp=1&ru=/ta/coding-interviews&qru=/ta/coding-interviews/question-ranking&from=cyc_github)

## 题目描述

{6, -3, -2, 7, -15, 1, 2, 2}，连续子数组的最大和为 8（从第 0 个开始，到第 3 个为止）。

## 解题思路

public int FindGreatestSumOfSubArray(int[] nums) {
 if (nums == null || nums.length == 0)
 return 0;
 int greatestSum = Integer.MIN\_VALUE;
 int sum = 0;
 for (int val : nums) {
 sum = sum <= 0 ? val : sum + val;
 greatestSum = Math.max(greatestSum, sum);
 }
 return greatestSum;
}