**[53. Maximum Subarray](https://leetcode.com/problems/maximum-subarray/)**

Given an integer array nums, find the subarray with the largest sum, and return *its sum*.

**Example 1:**

**Input:** nums = [-2,1,-3,4,-1,2,1,-5,4]

**Output:** 6

**Explanation:** The subarray [4,-1,2,1] has the largest sum 6.

**Example 2:**

**Input:** nums = [1]

**Output:** 1

**Explanation:** The subarray [1] has the largest sum 1.

**Example 3:**

**Input:** nums = [5,4,-1,7,8]

**Output:** 23

**Explanation:** The subarray [5,4,-1,7,8] has the largest sum 23.

**Constraints:**

* 1 <= nums.length <= 105
* -104 <= nums[i] <= 104