

## 53. Maximum Subarray

Solved 

Medium

 Topics

 Companies

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`