Given an integer array nums, handle multiple queries of the following type:

1. Calculate the **sum** of the elements of nums between indices left and right **inclusive** where left <= right.

Implement the NumArray class:

* NumArray(int[] nums) Initializes the object with the integer array nums.
* int sumRange(int left, int right) Returns the **sum** of the elements of nums between indices left and right **inclusive** (i.e. nums[left] + nums[left + 1] + ... + nums[right]).

**Example 1:**

**Input**

["NumArray", "sumRange", "sumRange", "sumRange"]

[[[-2, 0, 3, -5, 2, -1]], [0, 2], [2, 5], [0, 5]]

**Output**

[null, 1, -1, -3]

**Explanation**

NumArray numArray = new NumArray([-2, 0, 3, -5, 2, -1]);

numArray.sumRange(0, 2); // return (-2) + 0 + 3 = 1

numArray.sumRange(2, 5); // return 3 + (-5) + 2 + (-1) = -1

numArray.sumRange(0, 5); // return (-2) + 0 + 3 + (-5) + 2 + (-1) = -3

**Constraints:**

* 1 <= nums.length <= 104
* -105 <= nums[i] <= 105
* 0 <= left <= right < nums.length
* At most 104 calls will be made to sumRange.