

303. Range Sum Query - Immutable

Easy,
Dynamic Programming.

Share

Given an integer array `nums`, find the sum of the elements between indices `i` and `j` ($i \leq j$), inclusive.

Example:

```
Given nums = [-2, 0, 3, -5, 2, -1]
```

```
sumRange(0, 2) -> 1
```

```
sumRange(2, 5) -> -1
```

```
sumRange(0, 5) -> -3
```

Note:

You may assume that the array does not change.

There are many calls to `sumRange` function.

解法一

这道题标签应该是标错了，这道题跟动态规划没有任何关系。
这只是一道超级简单的设计题。

Java

```
class NumArray {  
  
    private int[] nums;  
    public NumArray(int[] nums) {  
        this.nums = nums;  
    }  
  
    public int sumRange(int i, int j) {
```

```
int sum=0;
for(int k=i;k<=j;k++){
    sum+=nums[k];
}
return sum;
}
}

/**
 * Your NumArray object will be instantiated and called as such:
 * NumArray obj = new NumArray(nums);
 * int param_1 = obj.sumRange(i,j);
 */
```