There are n flights that are labeled from 1 to n.

You are given an array of flight bookings bookings, where bookings[i] = [firsti, lasti, seatsi] represents a booking for flights firsti through lasti (**inclusive**) with seatsi seats reserved for **each flight** in the range.

Return *an array* answer *of length* n*, where* answer[i] *is the total number of seats reserved for flight* i.

**Example 1:**

Input: bookings = [[1,2,10],[2,3,20],[2,5,25]], n = 5  
Output: [10,55,45,25,25]  
Explanation:  
Flight labels: 1 2 3 4 5  
Booking 1 reserved: 10 10  
Booking 2 reserved: 20 20  
Booking 3 reserved: 25 25 25 25  
Total seats: 10 55 45 25 25  
Hence, answer = [10,55,45,25,25]

**Example 2:**

Input: bookings = [[1,2,10],[2,2,15]], n = 2  
Output: [10,25]  
Explanation:  
Flight labels: 1 2  
Booking 1 reserved: 10 10  
Booking 2 reserved: 15  
Total seats: 10 25  
Hence, answer = [10,25]

**Constraints:**

* 1 <= n <= 2 \* 104
* 1 <= bookings.length <= 2 \* 104
* bookings[i].length == 3
* 1 <= firsti <= lasti <= n
* 1 <= seatsi <= 104