You are given two 2D integer arrays, items1 and items2, representing two sets of items. Each array items has the following properties:

- •items[i] = [value_i, weight_i] where value_i represents the **value** and weight_i represents the **weight** of the ith item.
- •The value of each item in items is **unique**.

Return a 2D integer array return where return[i] = [value_i, weight_i], with weight_i being the **sum of weights** of all items with value value_i.

Note: return should be returned in **ascending** order by value.



Example 1:

Input: items1 = [[1,1],[4,5],[3,8]], items2 = [[3,1],[1,5]]

Output: [[1,6],[3,9],[4,5]]

Explanation:

The item with value = 1 occurs in items1 with weight = 1 and in items2 with weight = 5, total weight = 1 + 5 = 6.

The item with value = 3 occurs in items1 with weight = 8 and in items2 with weight = 1, total weight = 8 + 1 = 9.

The item with value = 4 occurs in items1 with weight = 5, total weight = 5.

Therefore, we return [[1,6],[3,9],[4,5]].



Example 2:

Input: items1 = [[1,1],[3,2],[2,3]], items2 = [[2,1],[3,2],[1,3]]

Output: [[1,4],[2,4],[3,4]]

Explanation:

The item with value = 1 occurs in items1 with weight = 1 and in items2 with weight = 3, total weight = 1 + 3 = 4.

The item with value = 2 occurs in items1 with weight = 3 and in items2 with weight = 1, total weight = 3 + 1 = 4.

The item with value = 3 occurs in items1 with weight = 2 and in items2 with weight = 2, total weight = 2 + 2 = 4.

Therefore, we return [[1,4],[2,4],[3,4]].



Example 3:

Input: items1 = [[1,3],[2,2]], items2 = [[7,1],[2,2],[1,4]]

Output: [[1,7],[2,4],[7,1]]

Explanation:

The item with value = 1 occurs in items1 with weight = 3 and in items2 with weight = 4, total weight = 3 + 4 = 7.

The item with value = 2 occurs in items1 with weight = 2 and in items2 with weight = 2, total weight = 2 + 2 = 4.

The item with value = 7 occurs in items2 with weight = 1, total weight = 1. Therefore, we return

[[1,7],[2,4],[7,1]].

