You are given a 2D integer array items where items[i] = [pricei, beautyi] denotes the **price** and **beauty** of an item respectively.

You are also given a **0-indexed** integer array queries. For each queries[j], you want to determine the **maximum beauty** of an item whose **price** is **less than or equal** to queries[j]. If no such item exists, then the answer to this query is 0.

Return *an array*answer*of the same length as*queries*where*answer[j]*is the answer to the*jth*query*.

**Example 1:**

**Input:** items = [[1,2],[3,2],[2,4],[5,6],[3,5]], queries = [1,2,3,4,5,6]

**Output:** [2,4,5,5,6,6]

**Explanation:**

- For queries[0]=1, [1,2] is the only item which has price <= 1. Hence, the answer for this query is 2.

- For queries[1]=2, the items which can be considered are [1,2] and [2,4].

The maximum beauty among them is 4.

- For queries[2]=3 and queries[3]=4, the items which can be considered are [1,2], [3,2], [2,4], and [3,5].

The maximum beauty among them is 5.

- For queries[4]=5 and queries[5]=6, all items can be considered.

Hence, the answer for them is the maximum beauty of all items, i.e., 6.

**Example 2:**

**Input:** items = [[1,2],[1,2],[1,3],[1,4]], queries = [1]

**Output:** [4]

**Explanation:**

The price of every item is equal to 1, so we choose the item with the maximum beauty 4.

Note that multiple items can have the same price and/or beauty.

**Example 3:**

**Input:** items = [[10,1000]], queries = [5]

**Output:** [0]

**Explanation:**

No item has a price less than or equal to 5, so no item can be chosen.

Hence, the answer to the query is 0.

**Constraints:**

* 1 <= items.length, queries.length <= 105
* items[i].length == 2
* 1 <= pricei, beautyi, queries[j] <= 109