

5912. Most Beautiful Item for Each Query

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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.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Medium

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:

- $1 \leq \text{items.length}, \text{queries.length} \leq 10^5$
- $\text{items}[i].\text{length} == 2$
- $1 \leq \text{price}_i, \text{beauty}_i, \text{queries}[j] \leq 10^9$

JavaScript

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```
1 /**
2  * @param {number[][]} items
3  * @param {number[]} queries
4  * @return {number[]}
5  */
6 var maximumBeauty = function(items, queries) {
7
8  };
```