2251. Number of Flowers in Full Bloom

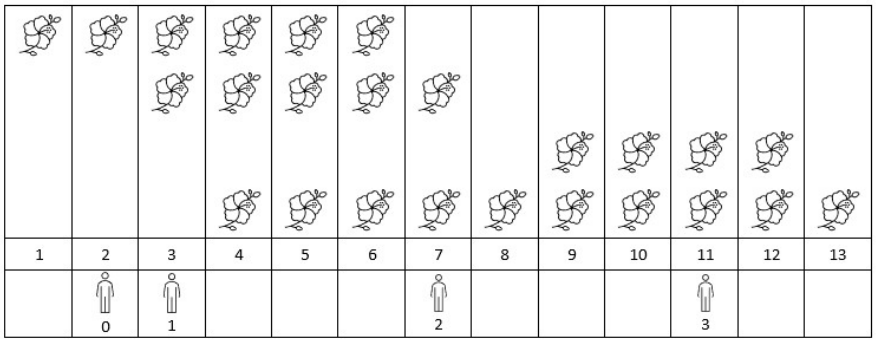
Solved ●

Hard Topics Companies Hint

You are given a **0-indexed** 2D integer array `flowers`, where `flowers[i] = [start_i, end_i]` means the `i^th` flower will be in **full bloom** from `start_i` to `end_i` (**inclusive**). You are also given a **0-indexed** integer array `people` of size `n`, where `people[i]` is the time that the `i^th` person will arrive to see the flowers.

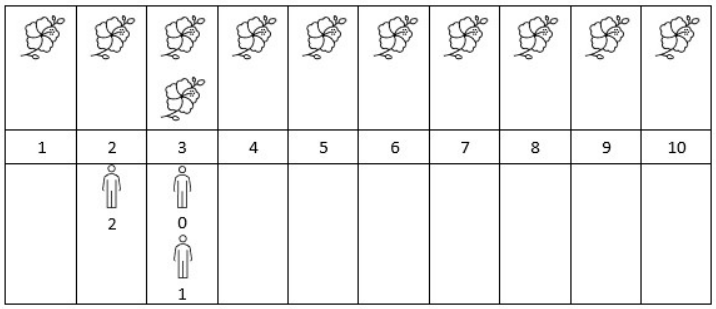
Return *an integer array* `answer` *of size* `n`, *where* `answer[i]` *is the* ***number*** *of flowers that are in full bloom when the* `i^th` *person arrives.*

Example 1:



> **Input:** flowers = [[1,6],[3,7],[9,12],[4,13]], people = [2,3,7,11]
> **Output:** [1,2,2,2]
> **Explanation:** The figure above shows the times when the flowers are in full bloom and when the people arrive.
> For each person, we return the number of flowers in full bloom during their arrival.

Example 2:



> **Input:** flowers = [[1,10],[3,3]], people = [3,3,2]
> **Output:** [2,2,1]
> **Explanation:** The figure above shows the times when the flowers are in full bloom and when the people arrive.
> For each person, we return the number of flowers in full bloom during their arrival.

Constraints:

- `1 <= flowers.length <= 5 * 10^4`
- `flowers[i].length == 2`
- `1 <= start_i <= end_i <= 10^9`
- `1 <= people.length <= 5 * 10^4`
- `1 <= people[i] <= 10^9`

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Seen this question in a real interview before? 1/4

Yes No

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