LeetCode   Explore   Problems   Interview ^New   Contest   Discuss   🔲 Store   ⬝ LeetCode is hiring! Apply NOW. ⬝   🔔   🔥 3   👤

📰 Description   ✊ Solution   💬 Discuss (35...   🕐 Submissions   _i_ Java ▾   Autocomplete   _i_ {} ↺ ⊕ ⛶

1229. Meeting Scheduler

Medium   👍 703   👎 29   ♡ Add to List   ⬗ Share

Given the availability time slots arrays `slots1` and `slots2` of two people and a meeting duration `duration`, return the **earliest time slot** that works for both of them and is of duration `duration`.

If there is no common time slot that satisfies the requirements, return an **empty array**.

The format of a time slot is an array of two elements `[start, end]` representing an inclusive time range from `start` to `end`.

It is guaranteed that no two availability slots of the same person intersect with each other. That is, for any two time slots `[start1, end1]` and `[start2, end2]` of the same person, either `start1 > end2` or `start2 > end1`.

Example 1:

```
Input: slots1 = [[10,50],[60,120],[140,210]],
slots2 = [[0,15],[60,70]], duration = 8
Output: [60,68]
```

Example 2:

```
Input: slots1 = [[10,50],[60,120],[140,210]],
slots2 = [[0,15],[60,70]], duration = 12
Output: []
```

Constraints:

- `1 <= slots1.length, slots2.length <= 10^4`
- `slots1[i].length, slots2[i].length == 2`
- `slots1[i][0] < slots1[i][1]`
- `slots2[i][0] < slots2[i][1]`
- `0 <= slots1[i][j], slots2[i][j] <= 10^9`
- `1 <= duration <= 10^6`

Accepted 57,908   Submissions 104,839

Seen this question in a real interview before?

[Yes] [No]

Companies 🔒 _i_   ⌄

Related Topics   ⌄

Show Hint 1   ⌄

Show Hint 2   ⌄

Show Hint 3   ⌄

```java
class Solution {
    public List<Integer> minAvailableDuration(int[][] slots1, int[][] slots2, int duration) {

    }
}
```

☰   ⤬   ‹ 1229/2322 ›   Console ▴   Contribute _i_   ▶ Run Code ⌃   Submit

```java
class Solution {
    public List<Integer> minAvailableDuration(int[][] slots1, int[][] slots2, int duration) {

    }
}
```