759. Employee Free Time Premium

Solved ●

Hard Topics Companies Hint

We are given a list `schedule` of employees, which represents the working time for each employee.

Each employee has a list of non-overlapping `Intervals`, and these intervals are in sorted order.

Return the list of finite intervals representing **common, positive-length free time** for *all* employees, also in sorted order.

(Even though we are representing `Intervals` in the form `[x, y]`, the objects inside are `Intervals`, not lists or arrays. For example, `schedule[0][0].start = 1`, `schedule[0][0].end = 2`, and `schedule[0][0][0]` is not defined). Also, we wouldn't include intervals like [5, 5] in our answer, as they have zero length.

Example 1:

> **Input:** schedule = [[[1,2],[5,6]],[[1,3]],[[4,10]]]
> **Output:** [[3,4]]
> **Explanation:** There are a total of three employees, and all common free time intervals would be [-inf, 1], [3, 4], [10, inf].
> We discard any intervals that contain inf as they aren't finite.

Example 2:

> **Input:** schedule = [[[1,3],[6,7]],[[2,4]],[[2,5],[9,12]]]
> **Output:** [[5,6],[7,9]]

Constraints:

- `1 <= schedule.length , schedule[i].length <= 50`
- `0 <= schedule[i].start < schedule[i].end <= 10^8`

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Yes No

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Hint 1

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