757. Set Intersection Size At Least Two

Description

You are given a 2D integer array `intervals` where `intervals[i] = [start_i, end_i]` represents all the integers from `start_i` to `end_i` inclusively.

A **containing set** is an array `nums` where each interval from `intervals` has **at least two** integers in `nums`.

- For example, if `intervals = [[1,3], [3,7], [8,9]]`, then `[1,2,4,7,8,9]` and `[2,3,4,8,9]` are **containing sets**.

Return *the minimum possible size of a containing set*.

Example 1:

```
Input: intervals = [[1,3],[3,7],[8,9]]
Output: 5
Explanation: let nums = [2, 3, 4, 8, 9].
It can be shown that there cannot be any containing array of size 4.
```

Example 2:

```
Input: intervals = [[1,3],[1,4],[2,5],[3,5]]
Output: 3
Explanation: let nums = [2, 3, 4].
It can be shown that there cannot be any containing array of size 2.
```

Example 3:

```
Input: intervals = [[1,2],[2,3],[2,4],[4,5]]
Output: 5
Explanation: let nums = [1, 2, 3, 4, 5].
It can be shown that there cannot be any containing array of size 4.
```

Constraints:

- `1 <= intervals.length <= 3000`
- `intervals[i].length == 2`
- `0 <= start_i < end_i <= 10^8`