

# 435. Non-overlapping Intervals

## Description

Given an array of intervals `intervals` where `intervals[i] = [starti, endi]`, return *the minimum number of intervals you need to remove to make the rest of the intervals non-overlapping*.

### Example 1:

**Input:** `intervals = [[1,2],[2,3],[3,4],[1,3]]`

**Output:** 1

**Explanation:** [1,3] can be removed and the rest of the intervals are non-overlapping.

### Example 2:

**Input:** `intervals = [[1,2],[1,2],[1,2]]`

**Output:** 2

**Explanation:** You need to remove two [1,2] to make the rest of the intervals non-overlapping.

### Example 3:

**Input:** `intervals = [[1,2],[2,3]]`

**Output:** 0

**Explanation:** You don't need to remove any of the intervals since they're already non-overlapping.

### Constraints:

- `1 <= intervals.length <= 105`
- `intervals[i].length == 2`
- `-5 * 104 <= starti < endi <= 5 * 104`

