

435. Non-overlapping Intervals

Difficulty : Medium

<https://leetcode.com/problems/non-overlapping-intervals>

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:

- $1 \leq \text{intervals.length} \leq 10^5$
- $\text{intervals}[i].\text{length} == 2$
- $-5 \times 10^4 \leq \text{start}_i < \text{end}_i \leq 5 \times 10^4$