

Find Right Interval

Given a set of intervals, for each of the interval i , check if there exists an interval j whose start point is bigger than or equal to the end point of the interval i , which can be called that j is on the "right" of i .

For any interval i , you need to store the minimum interval j 's index, which means that the interval j has the minimum start point to build the "right" relationship for interval i . If the interval j doesn't exist, store -1 for the interval i . Finally, you need output the stored value of each interval as an array.

Note:

1. You may assume the interval's end point is always bigger than its start point.
2. You may assume none of these intervals have the same start point.

Example 1:

Input: [[1,2]]

Output: [-1]

Explanation: There is only one interval in the collection, so it outputs -1.

Example 2:

Input: [[3,4], [2,3], [1,2]]

Output: [-1, 0, 1]

Explanation: There is no satisfied "right" interval for [3,4].
For [2,3], the interval [3,4] has minimum-"right" start point;
For [1,2], the interval [2,3] has minimum-"right" start point.

Example 3:

Input: [[1,4], [2,3], [3,4]]

Output: [-1, 2, -1]

Explanation: There is no satisfied "right" interval for [1,4] and [3,4].
For [2,3], the interval [3,4] has minimum-"right" start point.

The answers will be available soon! Meanwhile you can go check out [the answers in the discussion forum](#) so far.

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