You are given an array of intervals, where intervals[i] = [starti, endi] and each starti is **unique**.

The **right interval** for an interval i is an interval j such that startj >= endi and startj is **minimized**. Note that i may equal j.

Return *an array of* ***right interval*** *indices for each interval i*. If no **right interval** exists for interval i, then put -1 at index i.

**Example 1:**

Input: intervals = [[1,2]]  
Output: [-1]  
Explanation: There is only one interval in the collection, so it outputs -1.

**Example 2:**

Input: intervals = [[3,4],[2,3],[1,2]]  
Output: [-1,0,1]  
Explanation: There is no right interval for [3,4].  
The right interval for [2,3] is [3,4] since start0 = 3 is the smallest start that is >= end1 = 3.  
The right interval for [1,2] is [2,3] since start1 = 2 is the smallest start that is >= end2 = 2.

**Example 3:**

Input: intervals = [[1,4],[2,3],[3,4]]  
Output: [-1,2,-1]  
Explanation: There is no right interval for [1,4] and [3,4].  
The right interval for [2,3] is [3,4] since start2 = 3 is the smallest start that is >= end1 = 3.

**Constraints:**

* 1 <= intervals.length <= 2 \* 104
* intervals[i].length == 2
* -106 <= starti <= endi <= 106
* The start point of each interval is **unique**.