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2297. Jump Game VIII Premium
Medium ♥ Topics 🖫 Companies 🗘 Hint
You are given a 0-indexed integer array nums of length n. You are initially standing at index 0. You can jump from index i to index j where i < j if:
• nums[i] \leftarrow nums[j] and nums[k] \leftarrow nums[i] for all indexes k in the range i < k < j, or

    nums[i] > nums[j] and nums[k] >= nums[i] for all indexes k in the range i < k < j.</li>

You are also given an integer array costs of length n where costs [i] denotes the cost of jumping to index i.
Return the minimum cost to jump to the index n-1.
Example 1:
  Input: nums = [3,2,4,4,1], costs = [3,7,6,4,2]
  Output: 8
  Explanation: You start at index 0.
  - Jump to index 2 with a cost of costs[2] = 6.
  - Jump to index 4 with a cost of costs[4] = 2.
  The total cost is 8. It can be proven that 8 is the minimum cost needed.
  Two other possible paths are from index 0 \rightarrow 1 \rightarrow 4 and index 0 \rightarrow 2 \rightarrow 3 \rightarrow 4.
  These have a total cost of 9 and 12, respectively.
Example 2:
  Input: nums = [0,1,2], costs = [1,1,1]
  Output: 2
  Explanation: Start at index 0.
  - Jump to index 1 with a cost of costs[1] = 1.
  - Jump to index 2 with a cost of costs[2] = 1.
  The total cost is 2. Note that you cannot jump directly from index 0 to index 2 because nums[0] <= nums[1].
Constraints:
n == nums.length == costs.length
• 1 <= n <= 10<sup>5</sup>
• 0 <= nums[i], costs[i] <= 10<sup>5</sup>
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Q Hint 1
   For each index, find the indexes that you can jump to.
O Hint 2
   We can do this by using a monotonic stack and iterating through the array backwards.
Q Hint 3
   Create another integer array of length n called dp where dp[i] is the minimum cost of getting to index i.
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