You are given the head of a linked list.

Remove every node which has a node with a greater value anywhere to the right side of it.

Return *the*head*of the modified linked list.*

**Example 1:**



**Input:** head = [5,2,13,3,8]

**Output:** [13,8]

**Explanation:** The nodes that should be removed are 5, 2 and 3.

- Node 13 is to the right of node 5.

- Node 13 is to the right of node 2.

- Node 8 is to the right of node 3.

**Example 2:**

**Input:** head = [1,1,1,1]

**Output:** [1,1,1,1]

**Explanation:** Every node has value 1, so no nodes are removed.

**Constraints:**

* The number of the nodes in the given list is in the range [1, 105].
* 1 <= Node.val <= 105

Hint 1

Iterate on nodes in reversed order.

Hint 2

When iterating in reversed order, save the maximum value that was passed before.