Given the array prices where prices[i] is the price of the ith item in a shop. There is a special discount for items in the shop, if you buy the ith item, then you will receive a discount equivalent to prices[j] where j is the **minimum** index such that j > i and prices[j] <= prices[i], otherwise, you will not receive any discount at all.

*Return an array where the ith element is the final price you will pay for the ith item of the shop considering the special discount.*

**Example 1:**

**Input:** prices = [8,4,6,2,3]

**Output:** [4,2,4,2,3]

**Explanation:**

For item 0 with price[0]=8 you will receive a discount equivalent to prices[1]=4, therefore, the final price you will pay is 8 - 4 = 4.

For item 1 with price[1]=4 you will receive a discount equivalent to prices[3]=2, therefore, the final price you will pay is 4 - 2 = 2.

For item 2 with price[2]=6 you will receive a discount equivalent to prices[3]=2, therefore, the final price you will pay is 6 - 2 = 4.

For items 3 and 4 you will not receive any discount at all.

**Example 2:**

**Input:** prices = [1,2,3,4,5]

**Output:** [1,2,3,4,5]

**Explanation:** In this case, for all items, you will not receive any discount at all.

**Example 3:**

**Input:** prices = [10,1,1,6]

**Output:** [9,0,1,6]

**Constraints:**

* 1 <= prices.length <= 500
* 1 <= prices[i] <= 10^3