5420. Final Prices With a Special Discount in a Shop

Submissions (/contest/biweekly-contest-28/problems/final-prices-with-a-special-discount-in-a-shop/submissions/)

to Contest (/contest/biweekly-contest-28/)

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.

User Accepted:	0
User Tried:	1
Total Accepted:	0
Total Submissions:	1
Difficulty:	Easy

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, therefor
For item 1 with price[1]=4 you will receive a discount equivalent to prices[3]=2, therefor
For item 2 with price[2]=6 you will receive a discount equivalent to prices[3]=2, therefor
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.
```
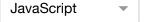
Example 3:

```
Input: prices = [10,1,1,6]
Output: [9,0,1,6]
```

Constraints:

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

JavaScript ▼

```
1 ▾ /**
2    * @param {number[]} prices
3    * @return {number[]}
4    */
5 ▾ var finalPrices = function(prices) {
6
7   };
```

☐ **Custom Testcase**   (Use Example Testcases)

▶ Run   ☁ Submit