

Next element with greater frequency

Given an array `arr[]` of integers, for each element, find the closest (distance wise) to its **right** that has a **higher frequency** than the current element.

If no such element exists, return **-1** for that position.

Examples:

Input: `arr[] = [2, 1, 1, 3, 2, 1]`

Output: `[1, -1, -1, 2, 1, -1]`

Explanation: Frequencies: 1 → 3 times, 2 → 2 times, 3 → 1 time.

For `arr[0] = 2`, the next element 1 has a higher frequency → 1.

For `arr[1]` and `arr[2]`, no element to the right has a higher frequency → -1.

For `arr[3] = 3`, the next element 2 has a higher frequency → 2.

For `arr[4] = 2`, the next element 1 has a higher frequency → 1.

For `arr[5] = 1`, no elements to the right → -1.

Input: `arr[] = [5, 1, 5, 6, 6]`

Output: `[-1, 5, -1, -1, -1]`

Explanation: Frequencies: 1 → 1 time, 5 → 2 times, 6 → 2 times.

For `arr[0]` and `arr[2]`, no element to the right has a higher frequency → -1.

For `arr[1] = 1`, the next element 5 has a higher frequency → 5.

For `arr[3]` and `arr[4]`, no element to the right has a higher frequency → -1.

Constraints:

$1 \leq \text{arr.size()} \leq 10^5$

$1 \leq \text{arr}[i] \leq 10^5$