Given three integer arrays arr1, arr2 and arr3 **sorted** in **strictly increasing** order, return a sorted array of **only** the integers that appeared in **all** three arrays.

**Example 1:**

**Input:** arr1 = [1,2,3,4,5], arr2 = [1,2,5,7,9], arr3 = [1,3,4,5,8]

**Output:** [1,5]

**Explanation:** Only 1 and 5 appeared in the three arrays.

**Constraints:**

* 1 <= arr1.length, arr2.length, arr3.length <= 1000
* 1 <= arr1[i], arr2[i], arr3[i] <= 2000