

1213. Intersection of Three Sorted Arrays

Description

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.

Example 2:

Input: `arr1 = [197,418,523,876,1356]`, `arr2 = [501,880,1593,1710,1870]`, `arr3 = [521,682,1337,1395,1764]`

Output: `[]`

Constraints:

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

