1213. Intersection of Three Sorted Arrays `Premium`

`Easy`   🏷 Topics   📑 Companies   💡 Hint

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`

Seen this question in a real interview before?   1/5

Yes   No

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🏷 Topics   ⌃

Array   Hash Table   Binary Search   Counting

📑 Companies   ⌃

0 - 6 months

Meta 4

💡 Hint 1   ⌃

Count the frequency of all elements in the three arrays.

💡 Hint 2   ⌃

The elements that appeared in all the arrays would have a frequency of 3.

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