**Problem Description**

Find the intersection of two **sorted** arrays **OR** in other words, given 2 sorted arrays, find all the elements which occur in both arrays.

**NOTE:** For the purpose of this problem ( as also conveyed by the sample case ), assume that elements that appear more than once in both arrays should be included multiple times in the final output.

**Problem Constraints**

1 <= **|A|** <= 106  
1 <= **|B|** <= 106

**Input Format**

The first argument is an integer array A.  
The second argument is an integer array B.

**Output Format**

Return an array of intersection of the two arrays.

**Example Input**

**Input 1**:  
**A**: [1 2 3 3 4 5 6]  
**B**: [3 3 5]  
  
**Input 2**:  
**A**: [1 2 3 3 4 5 6]  
**B**: [3 5]

**Example Output**

**Output 1**: [3 3 5]  
  
**Output 2**: [3 5]

**Example Explanation**

Explanation 1:

3, 3, 5 occurs in both the arrays A and B

Explanation 2:

Only 3 and 5 occurs in both the arrays A and B