CS23331-DAA-2024-CSE / 3-Print Intersection of 2 sorted arrays-O(m\*n)Time Complexity,O(1) Space Complexity

## 3-Print Intersection of 2 sorted arrays-O(m\*n)Time Complexity,O(1) Space Complexity

Started on	Friday, 24 October 2025, 2:28 PM
State	Finished
Completed on	Friday, 24 October 2025, 2:30 PM
Time taken	1 min 57 secs
Marks	1.00/1.00
Grade	<b>30.00</b> out of 30.00 ( <b>100</b> %)

## 

Find the intersection of two sorted arrays.

Given 2 sorted arrays, find all the elements which occur in both the arrays.

- · The first line contains T, the number of test cases. Following T lines contain:
- 1. Line 1 contains N1, followed by N1 integers of the first array
- 2. Line 2 contains N2, followed by N2 integers of the second array

Output Format

The intersection of the arrays in a single line

Example

Input:

3 10 17 57

6 2 7 10 15 57 246

Output:

10 57

Input:

6123456

216

Output:

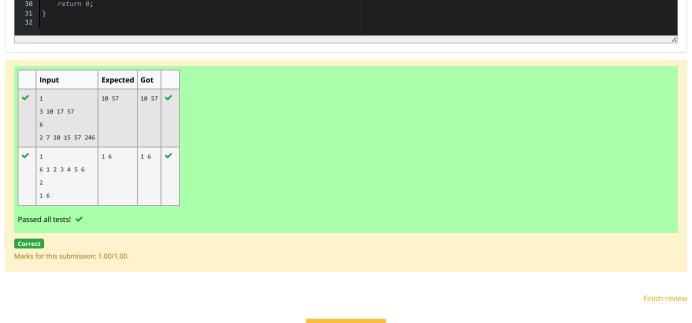
16

## For example:

Input	Result
1	10 57
3 10 17 57	
6	
2 7 10 15 57 246	

Answer: (penalty regime: 0 %)

```
for (int i = 0; i < n1; i++) {
for (int j = 0; j < n2; j++) {
    if (arr1[i] == arr2[j]) {
        printf("%d ", arr1[i]);
    }</pre>
```



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