



Dashboard My courses

CS23331-DAA-2024-CSE / 4-Print Intersection of 2 sorted arrays-O(m+n)Time Complexity, O(1) Space Complexity



4-Print Intersection of 2 sorted arrays-O(m+n)Time Complexity,O(1) Space Complexity

Started on	Sunday, 12 October 2025, 7:10 PM
State	Finished
Completed on	Sunday, 12 October 2025, 7:11 PM
Time taken	1 min 7 secs
Marks	1.00/1.00
Grade	30.00 out of 30.00 (100 %)

Question 1 | Correct | Mark 1.00 out of 1.00 | Flag question

Find the intersection of two sorted arrays.

OR in other words,

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

Input Format

- 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

For example:

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

Answer: (penalty regime: 0 %)

	Input	Expected	Got	
~	1	10 57	10 57	~
	3 10 17 57			
	6			
	2 7 10 15 57 246			
~	1	1 6	1 6	~
	6 1 2 3 4 5 6			
	2			
	1 6			

Passed all tests! 🗸

Correct

Marks for this submission: 1.00/1.00.

Finish review

Back to Course

