

## Print Intersection

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You have been given two integer arrays/lists (ARR1 and ARR2) of size N and M, respectively. You need to print their intersection; An intersection for this problem can be defined when both the arrays/lists contain a particular value or to put it in other words, when there is a common value that exists in both the arrays/lists.

### Note :

Input arrays/lists can contain duplicate elements.

The intersection elements printed would be in the order they appear in the first sorted array/list (ARR1).

### Input format :

The first line of input contains an integer 'N' representing the size of the first array/list.

The second line contains 'N' single space separated integers representing the elements of the first the array/list.

The third line contains an integer 'M' representing the size of the second array/list.

The fourth line contains 'M' single space separated integers representing the elements of the second array/list.

### Output format :

Print the intersection elements. Each element is printed in a separate line.

### Constraints :

$0 \leq N \leq 10^6$

$0 \leq M \leq 10^6$

Time Limit: 1 sec

### Sample Input 1 :

```
6
2 6 8 5 4 3
4
2 3 4 7
```

### Sample Output 1 :

```
2
3
4
```

### Sample Input 2 :

```
4
2 6 1 2
5
1 2 3 4 2
```

### Sample Output 2 :

```
1
2
2
```