



STUDENT REPORT

DETAILS

Name

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Roll Number

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EXPERIMENT

Title

ARRAY INTERSECTION AND UNION

Description

You are given two arrays arr1 and arr2 of size N and M respectively. Your task is to perform the following operations:

Find the intersection of the two arrays, which includes all elements that are common to both arrays.

Find the union of the two arrays, which includes all unique elements from both arrays, with duplicates removed.

Print the sorted intersection and union as separate arrays.

Sample Input:

1 2 3 4

3 4 5 6

Sample Output:

[3, 4]

[1, 2, 3, 4, 5, 6]

Source Code:

```
a=set(map(int,input().split()))
b=set(map(int,input().split()))
print(sorted(list(a&b)))
print(sorted(list(a|b)))
```

RESULT

5 / 5 Test Cases Passed | 100 %