

STUDENT REPORT

DETAILS

Name

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Roll Number

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EXPERIMENT

Title

COMMON ELEMENTS

Description

Given three arrays sorted in increasing order. Find the elements that are common in all three arrays.

Note: can you take care of the duplicates without using any additional Data Structure?

Example 1:

Input:
n1 = 6; A = {1, 5, 10, 20, 40, 80}
n2 = 5; B = {6, 7, 20, 80, 100}
n3 = 8; C = {3, 4, 15, 20, 30, 70, 80, 120}
Output: 20 80

Source Code:

```
n1=int(input())
n2=int(input())
n3=int(input())
a=list(map(int,input().split()))
b=list(map(int,input().split()))
c=list(map(int,input().split()))
d={}
z=[]
for i in a:
    d[i]=1
for i in d.keys():
    if i in b:
        if i in c:
            z.append(i)
for i in z:
    print(i,end=" ")
```

RESULT

3 / 3 Test Cases Passed | 100

VIVA RESPONSES

Q)

Q)

Q)

Q)

Q)