

1. School XYZ is planning to conduct an Arts and Literary competition this academic year. A student can participate in more than one events. Given the list of students registered for English speech, Hindi speech, and debate; you need to perform the following tasks.
  1. List the students registered for at least one of the speech events.
  2. List the students registered only for debate.

### Input Format

- The first line contains three space-separated integers  $n_1$ ,  $n_2$ , and  $n_3$  corresponding to the number of students registered for English speech, Hindi speech, and debate, respectively.
- The second line contains  $n_1$  space-separated integers corresponding to the roll number of the students registered for English speech.
- The third line contains  $n_2$  space-separated integers corresponding to the roll number of the students registered for Hindi speech.
- The fourth line contains  $n_3$  space-separated integers corresponding to the roll number of the students registered for debate.

The integers  $n_1, n_2, n_3$  are in the range  $[1, 10^3]$ ; and the roll numbers are in the range  $[1, 10^4]$ .

### Output Format

- The first line contains roll number of students (separated by space) registered for at least one of the speech events, without repetition, in the order given below.
  - The roll number of students registered for English speech is printed first followed by the roll numbers of those registered for Hindi speech, in the order they were given in the input.
- The second line contains the roll number of students (separated by space) registered only for debate, in the order they were given in the input of debate event. If there are no such students, print  $-1$ .

### Sample Input and Output

#### Input 1

```
6 7 9
10 1 4 5 17 12
3 2 8 7 18 24 6
2 15 4 8 9 3 14 10 11
```

#### Output 1

```
10 1 4 5 17 12 3 2 8 7 18 24 6
15 9 14 11
```

#### Input 2

```
7 8 5
10 1 2 4 5 7 12
3 5 2 8 7 1 4 6
2 5 4 8 6
```

#### Output 2

```
10 1 2 4 5 7 12 3 8 6
-1
```

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