

PROBLEM 1: INTERSECTION OF TWO ARRAYS

1 Problem Statement

Given two arrays, write a program to compute their intersection.

1.1 Input format

The input contains two lines, each of which contains elements of an array, separated by a space.

1.2 Output format

The output contains only one line, which contains the intersection elements between the given two input arrays, separated by a space.

1.3 Constraints

The result should be sorted in ascending order (i.e., from the smallest to the largest).

1.4 Example

Sample input

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

Sample output

```
1 1 2 5
```