In First But Second

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Given two arrays, the task is that we find numbers which are present in the first array, but not present in the second array.

Input:

The first line of input contains an integer T denoting the number of test cases. Each test case contains space separated integers n and m which denotes the number of elements in the array a[] and b[]. Next two line contains space separated n and m elements in the array a[] and b[] respectively.

Output:

Print space separated numbers present in the first array but not in the second.

Constraints:

1<=T<=100 1<=n,m<=1000 1<=a[i],b[i]<=1000

Example:

Input:

Output:

4 10 5