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import java.util.ArrayList;
import java.util.Collections;
import java.util.HashSet;
import java.util.Iterator;
import java.util.Scanner;
//Example for HashSet and Sorting them using ArrayList
public class MergeSortedArrays {

    public static void main(String[] args)
    {
        Scanner s=new Scanner(System.in);
        String s1=s.nextLine(),s2=s.nextLine();
        String sp1[]=s1.split("\\s");
        String sp2[]=s2.split("\\s");
        HashSet<Integer> set=new HashSet();
        for(int i=0;i<sp1.length;i++)
            set.add(Integer.parseInt(sp1[i]));
        for(int i=0;i<sp2.length;i++)
            set.add(Integer.parseInt(sp2[i]));
        ArrayList<Integer> fout=new ArrayList<Integer>(set);
        Collections.sort(fout);
        Iterator itr=fout.iterator();
        while(itr.hasNext())
            System.out.print(itr.next()+" ");
    }
}

```