import java.util.\*;

public class Main{

public static void stringsSwap(String a,String b){

a=a.concat(b);

System.out.println(a);

b=a.substring(0,a.length()-b.length());

a=a.substring(b.length());

System.out.println("AFTER SWAPPING : ");

System.out.println(a);

System.out.println(b);

}

public static void numSwap(int c,int d){

c=c+d;

d=c-d;

c=c-d;

System.out.println("AFTER SWAPPING : ");

System.out.println(c);

System.out.println(d);

}

public static void main(String[] args){

System.out.println("SWAPPING OF TWO STRINGS AND NUMBERS WITHOUT THIRD VARIABLE : ");

Scanner sc=new Scanner(System.in);

System.out.println("enter string1 : ");

String a=sc.nextLine();

System.out.println("enter string2 : ");

String b=sc.nextLine();

stringsSwap(a,b);

System.out.println("enter num1 : ");

int c=sc.nextInt();

System.out.println("enter num2 : ");

int d=sc.nextInt();

numSwap(c,d);

}

}