import java.util.Scanner;  
  
int num1;  
int num2;  
int num3;  
   
   
Scanner sc = new Scanner(System.in);  
   
System.out.print("Enter 1st number : ");  
num1 = sc.nextInt();  
  
System.out.print("Enter 2nd number : ");  
num2 = sc.nextInt();  
   
System.out.print("Enter 3rd number : ");  
num3 = sc.nextInt();  
   
if (num1 >= num2 && num1 >= num3) {  
 System.out.println("The 1st largest number is: "+num1);  
   
if (num2 > num3) {  
 System.out.println("The 2nd largest number is: " + num2);  
 System.out.println("The 3rd largest number is: " + num3);  
 }  
   
 else {  
 System.out.println("The 2nd largest number is: " + num3);  
 System.out.println("The 3rd largest number is: " + num2);  
 }  
   
 }  
   
 else if (num2 >= num3 && num2 >= num1){  
 System.out.println("The 1st largest number is: " +num2);  
   
if (num3 > num1) {  
 System.out.println("The 2nd largest number is: " + num3);  
 System.out.println("The 3rd largest number is: " + num1);  
 }  
   
 else {  
 System.out.println("The 2nd largest number is: " + num1);  
 System.out.println("The 3rd largest number is: " + num3);  
 }  
 }  
  
 else if (num3 >= num1 && num3 >= num2)  
 System.out.println("The 1st largest number is: " +num3);  
   
if (num2 > num1) {  
 System.out.println("The 2nd largest number is: " + num2);  
 System.out.println("The 3rd largest number is: " + num1);  
 }  
   
 else {  
 System.out.println("The 2nd largest number is: " + num1);  
 System.out.println("The 3rd largest number is: " + num2);  
   
sc.close();  
 }  
 }  
}