C：

#include <stdio.h>

int main()

{

int a[10001]={0};

long m,min=100000,max=0,i,n;

char c;

scanf("%d",&n);

for(i=0;i<n;i++)

while(1)

{

scanf("%ld",&m);

if(m>max) max=m;

if(m<min) min=m;

a[m]++;

c=getchar();

if(c!=' ') break;

}

for(i=min;i<=max;i++)

{

if(a[i]==0) printf("%ld ",i);

if(a[i]==2) m=i;

}

printf("%ld",m);

return 0;

}

C++

#include<cstdio>

#include<cstring>

#include<cmath>

#include<cstdlib>

#include<algorithm>

#include<iostream>

#include<string>

using namespace std;

int a[100005];

int main(){

int n;

while(cin>>n){

char c[1005];

int b[105],t=0;

memset(a,0,sizeof(a));

getchar();

while(n--){

gets(c);

int tc=strlen(c);

c[tc]=' ',c[tc+1]=0;

int tem=0;

for(int i=0;i<=tc;i++){

if(c[i]!=' '){

tem=tem\*10+c[i]-'0';

}

else{

a[tem]++;

b[t++]=tem;

tem=0;

}

}

}

int dh,ch;

sort(b,b+t);

for(int i=b[0];i<b[t-1];i++)

if(a[i]==0)

dh=i;

else if(a[i]==2)

ch=i;

cout<<dh<<' '<<ch<<endl;

}

return 0;

}

Java：

import java.io.BufferedReader;

import java.io.IOException;

import java.io.InputStreamReader;

import java.util.ArrayList;

import java.util.List;

public class Main {

public static void main(String[] args) throws Exception {

int duan = 0;

int chong = 0;

List<Integer> list = new ArrayList();

BufferedReader br = new BufferedReader(new InputStreamReader(System.in));

String line = br.readLine();

int len = Integer.parseInt(line);

for(int i = 0; i < len; i++)

{

String l = br.readLine();

String[] s = l.split(" ");

for(int j = 0; j < s.length; j++)

{

list.add(Integer.parseInt(s[j]));

}

}

for(int i = 0 ; i < list.size(); i++)

{

for(int j = 0; j < list.size(); j++)

{

int a = list.get(i);

int b = list.get(j);

int temp = 0;

if(a < b)

{

temp = a;

// a = b;

// b = temp;

list.set(i, b);

list.set(j, temp);

}

}

}

for(int i = 0 ; i < list.size() - 1; i++)

{

int a = list.get(i);

int b = list.get(i + 1);

if(a == b)

chong = a;

if(b - a > 1)

duan = b -1;

}

System.out.println(duan + " " + chong);

}

}