源码：

import java.io.\*;

import java.text.Collator;

import java.util.Locale;

import java.util.Scanner;

import java.util.regex.\*;

public class ChangeFile {

//疫情类

public static class Yq {

public String Province =null;

public String City =null;

public int Citynum;

int SumNum ;

}

// 比较汉字函数

public static int getCode(String s,String s1) {

if (s == null && s.equals("") && s1==null && s1.equals(""))

return 3; // 保护代码

Collator collator = Collator.getInstance(Locale.CHINA);

return collator.compare(s,s1);

}

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

Scanner input = new Scanner(System.in);

System.out.println("请输入所要读取的文件地址及名字、输出文件的名字、" + "以及指定省份名字（可不输入）：");

String[] In = input.nextLine().split(" ");

int count = In.length;

//读取文件。

FileInputStream in = new FileInputStream(In[0]);

//解决中文乱码问题。

InputStreamReader inReader = new InputStreamReader(in, "GBK");

BufferedReader bufRader = new BufferedReader(inReader);

//初始化疫情类数组对象实例

Yq[] yq = new Yq[10000];

for (int i = 0; i < yq.length; i++) {

yq[i] = new Yq();

}

int flag = 0; //标志

int CO = 0;

int flag2 = 0; //yq总长度

int flag3 = 0; //标记每个省的市区个数

int flag4 = 0; //标记省的个数

int sum = 0; //计算总人数

String pro = null; String str;

StringBuffer result = new StringBuffer();

//分类

int z = 0;

//按行读取且分类

while ((str = bufRader.readLine()) != null)

{

//按空格分割每行内容

String[] line = str.split("\\s");

//分类

if (!line[2].equals("0"))

{

yq[z].Province = line[0].trim();

yq[z].City = line[1].trim();

yq[z].Citynum = Integer.parseInt(line[2]);

z++;

flag2 = z;

}

}

bufRader.close();

//排序

//计算省份总人数

for (int i = 0; i < flag2; i++) {

if (yq[i].Province.equals(yq[i+1].Province)) {

sum += yq[i].Citynum;

CO = i;

} else {

for (int j = flag3; j < CO + 2; j++) {

yq[j].SumNum = sum + yq[i].Citynum;

}

flag3 = CO + 2; //少比较了两次，所以+2;

CO = 0;

sum = 0;

}

}

//人数相同按字母大小排序。

for (int j = 0; j < flag2; j++)

{

for (int i = 0; i < flag2 - j; i++) {

Yq temp;

if (yq[i].SumNum == yq[i + 1].SumNum) {

if (yq[i].Citynum < yq[i + 1].Citynum) {

temp = yq[i];

yq[i] = yq[i + 1];

yq[i + 1] = temp;

}

//人数相同按字母大小排序。

else if(yq[i].Citynum == yq[i+1].Citynum)

{

int n = getCode(yq[i].City,yq[i+1].City);

if(n == 1)

{

temp = yq[i];

yq[i] = yq[i + 1];

yq[i + 1] = temp;

}

}

}

}

}

int SumNum1[] = new int[1000];

//省份排序。

for(int i = 0, j = 0;i <flag2;i++)

{ SumNum1[j] = yq[i].SumNum;

if(yq[i].SumNum!=yq[i+1].SumNum) {

j++;

flag4 = j;

}

}

for(int i = 0; i < flag4; i++)

{

int temp1;

for(int j = 0 ;j <flag4 - i;j++)

{

if(SumNum1[j] < SumNum1[j+1])

{

temp1 = SumNum1[j];

SumNum1[j] = SumNum1[j + 1];

SumNum1[j+1] = temp1;

}

}

}

int CountNum = 0;

//输入了指定省份的输出结果。

if(count ==3)

{

for(int i = 0;i < flag2; i++)

{

if(yq[i].Province.equals(In[2])) {

CountNum = yq[i].SumNum;

result.append(yq[i].City + " \t" + yq[i].Citynum + "\n");

}

}

}

//不输入指定省份的输出结果。

else {

for (int j = 0; j < flag4; j++)

for (int i = 0; i < flag2; i++) {

if (yq[i].SumNum == SumNum1[j]) {

if (flag == 0) {

pro = yq[i].Province;

result.append(pro + " \t" + SumNum1[j] + "\n" + yq[i].City + " \t" + yq[i].Citynum + "\n");

flag = 1;

} else {

if (pro.equals(yq[i].Province))

result.append(yq[i].City + " \t" + yq[i].Citynum + "\n");

else {

result.append("\n");

pro = yq[i].Province;

result.append(pro + " \t" + SumNum1[j] + "\n" + yq[i].City + " \t" + yq[i].Citynum + "\n");

}

}

}

}

}

//输出文件。

FileWriter writer;

try

{

if(count == 3) {

writer = new FileWriter(In[1]);

writer.write(In[count - 1] + " \t"+CountNum+ '\n' + result.toString());

writer.flush(); writer.close();

}

else

{

writer = new FileWriter(In[1]);

writer.write(result.toString());

writer.flush(); writer.close();

}

}catch (IOException e)

{

e.printStackTrace();

}

}

}