主函数：

package test;

import java.io.\*;

import java.util.Scanner;

public class main {

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

Scanner inputs = new Scanner(System.in);

System.out.println("请输入‘输入的文件名’，‘需要输出的文件名’");

String all = inputs.nextLine();

System.out.println(all);

String[] splitLine = all.split(" ");

String yq\_in = splitLine[0];

String yq\_out = splitLine[1];

if(splitLine.length == 3) {

String prov = splitLine[3];

change b = new change(yq\_in,yq\_out,prov);

}

else {

change a;

a = new change(yq\_in,yq\_out);

}

}

}

Change方法：

package test;

import java.io.File;

import java.io.FileNotFoundException;

import java.io.FileOutputStream;

import java.io.PrintStream;

import java.util.ArrayList;

import java.util.Scanner;

public class change {

change(String yq\_in, String yq\_out, String prov) throws FileNotFoundException{

File file = new File(yq\_in);

if (file.exists()) {

System.out.println("File exists");

System.out.println(file);

}

Scanner input = new Scanner(file);

ArrayList<String> province = new ArrayList();

ArrayList<String> city = new ArrayList();

ArrayList<String> num = new ArrayList();

while (input.hasNext()) {

province.add(input.next());

city.add(input.next());

num.add(input.next());

}

FileOutputStream fs = new FileOutputStream(new File(yq\_out));

PrintStream p = new PrintStream(fs);

String first = prov;

int flag = 0;

int flag2 = 0;

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

if(flag2 == 0) {

if((first.equals(province.get(i))) == true) {

flag = 1;

if(flag == 1)

{

p.println(first);

System.out.println(first);

flag2 = 1;

}

}

}

if(flag2 == 1 && (first.equals(province.get(i))) != true){

break;

}

if(flag2 == 1){

if(city.get(i).equals("待明确地区")) continue;

System.out.print(city.get(i)+" ");

System.out.println(num.get(i));

p.print(city.get(i)+" ");

p.println(num.get(i));

}

}

p.close();

}

change(String YQ\_in, String YQ\_out) throws FileNotFoundException{

File file = new File(YQ\_in);

if (file.exists()) {

System.out.println("File already exists");

System.out.println(file);

}

Scanner input;

input = new Scanner(file);

ArrayList<String> province = new ArrayList<String>();

ArrayList<String> city = new ArrayList<String>();

ArrayList<String> date = new ArrayList<String>();

while (input.hasNext()) {

province.add(input.next());

city.add(input.next());

date.add(input.next());

}

FileOutputStream fs = new FileOutputStream(new File(YQ\_out));

PrintStream p = new PrintStream(fs);

String first = "";

int flag = 0;

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

if((first.equals(province.get(i))) != true) {

if(flag > 0) p.println();

first = province.get(i);

p.println(first);

flag++;

}

if(city.get(i).equals("待明确地区")) continue;

p.print(city.get(i)+" ");

p.println(date.get(i));

}

p.close();

}

}