import java.io.BufferedReader;

import java.io.BufferedWriter;

import java.io.File;

import java.io.FileNotFoundException;

import java.io.FileReader;

import java.io.FileWriter;

import java.io.IOException;

public class Comppart2 {

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

//Enter the Previous Programs Output Address below

File inpath =new File("F:\\hourwise1.csv");

//Enter the Usage Address below

File usage =new File( "F:\\qazxsw.csv");

//Enter A Location Where You Want To Save The Output

File outpath =new File("F:\\FinalOutput.csv");

BufferedReader br = null;

BufferedReader br1 = null;

BufferedWriter br2=null;

try{

br = new BufferedReader(new FileReader(inpath));

br1 = new BufferedReader(new FileReader(usage));

br2=new BufferedWriter(new FileWriter(outpath));

String inpathLine = br.readLine();

String usageLine = br1.readLine();

while (inpathLine!=null) {

String[] inpathLine1=inpathLine.trim().split(",");

String stringinpathcolumn1=inpathLine1[0].trim();

String stringinpathcolumn2=inpathLine1[1].trim();

double inpathcolumn1 = Double.parseDouble(stringinpathcolumn1);

double inpathcolumn2 = Double.parseDouble(stringinpathcolumn2);

while (usageLine!=null){

String[] usageLine1=usageLine.trim().split(",");

String stringusagecolumn4=usageLine1[3].trim();

String stringusagecolumn3=usageLine1[2].trim();

String stringusagecolumn1=usageLine1[0].trim();

String stringusagecolumn2=usageLine1[1].trim();

double usagecolumn4 = Double.parseDouble(stringusagecolumn4);

double usagecolumn3 =Double.parseDouble(stringusagecolumn3);

double usagecolumn1 = Double.parseDouble(stringusagecolumn1);

double usagecolumn2 =Double.parseDouble(stringusagecolumn2);

if(stringinpathcolumn2.equals(stringusagecolumn3))

{

Double executionTime = usagecolumn2 - usagecolumn1;

Double deadLine=executionTime+inpathcolumn1+50;

br2.write(inpathcolumn1+","+usagecolumn4+ ","+executionTime+","+deadLine);

br2.write("\t\t ");

br2.write("\n");

}

inpathLine = br.readLine();

usageLine = br1.readLine();

}

}

}

catch (NumberFormatException e){

e.printStackTrace();

}

catch (FileNotFoundException e) {

} catch (IOException e) {

} finally {

if (br != null) {

try {

br.close();

br1.close();

} catch (IOException e) {

e.printStackTrace();

}

}

br.close();

br1.close();

br2.close();

}

}

}