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;

import java.util.Scanner;

public class Hourwiseprogram {

@SuppressWarnings("resource")

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

//Enter the Address of the merged task\_events\_files below

File inpath =new File( "C:\\PROJECT DUIET\\Java\\task\_events\\task\_events\_all.csv");

//Enter The Address Where You Want To Save The Output

File outpath =new File( "F:\\hourwise78.csv");

int day,hourfrom,hourto,arrivalfrom,arrivalto;

BufferedReader br = null;

BufferedWriter br2=null;

System.out.println("Enter The Day For Which you want to get the Arrival Time");

System.out.println("Enter Hour From");

System.out.println("Enter Hour to");

Scanner scan = new Scanner(System.in);

try {

day = scan.nextInt();

hourfrom = scan.nextInt();

hourto = scan.nextInt();

arrivalfrom = (((( hourfrom \* 60 \* 60 ) + ( day \* 24 \* 60 \* 60 )) + 600 )\* 10 ^ 6);

arrivalto = (((( hourto \* 60 \* 60 ) + ( day \* 24 \* 60 \* 60 )) + 600 )\* 10 ^ 6);

String fromstring = Integer.toString(arrivalfrom);

String tostring = Integer.toString(arrivalto);

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

System.out.println("\n"+"\*\*\*The Timestamp Range\*\*\*");

System.out.println(" Starting Value -> "+fromstring);

System.out.println(" Ending Value -> "+tostring);

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

String Line = br.readLine();

while (Line!=null){

String[] column=Line.split(",");

String column1 = column[0];

String column3 = column[2];

if(column1.compareTo(fromstring)>0 && column1.compareTo(tostring)<0){

br2.write(""+column1+","+""+column3);

br2.write("\n");

}

Line = br.readLine();

}

}

catch (FileNotFoundException e) {

} catch (IOException e) {

} finally {

if (br != null) {

try {

br.close();

} catch (IOException e) {

}

}

br.close();

br2.close();

}

}

}