**import** java.text.ParseException;

**import** java.text.SimpleDateFormat;

**import** java.util.ArrayList;

**import** java.util.Date;

**import** java.util.List;

**import** java.util.Map;

**import** java.util.Map.Entry;

**import** java.util.Scanner;

**import** java.util.TreeMap;

**public** **class** Program3 {

**public** **static** **void** main(String[] args) **throws** NumberFormatException, ParseException {

List<Note>list=**new** ArrayList<Note>();

SimpleDateFormat df=**new** SimpleDateFormat("dd-MM-yyyy");

System.***out***.println("Enter the number of notes");

Scanner input=**new** Scanner(System.***in***);

**int** no;

no=Integer.*parseInt*(input.nextLine());

**for**(**int** i=0;i<no;i++)

{

String detail;

detail=input.nextLine();

Note note=Note.*CreateNote*(detail);

list.add(note);

}

Map<Date,Integer>map=Note.*CalculateDateCount*(list);

System.***out***.println("Date\t Count");

**for** (Entry<Date, Integer> note : map.entrySet()) {

System.***out***.println(df.format(note.getKey())+" "+note.getValue());

}

}

}

**class** Note

{

**private** String \_name;

**private** String \_content;

**private** **double** \_size;

**private** **double** \_prioritylevel;

**private** Date \_createdDate;

**public** String get\_name() {

**return** \_name;

}

**public** **void** set\_name(String \_name) {

**this**.\_name = \_name;

}

**public** String get\_content() {

**return** \_content;

}

**public** **void** set\_content(String \_content) {

**this**.\_content = \_content;

}

**public** **double** get\_size() {

**return** \_size;

}

**public** **void** set\_size(**double** \_size) {

**this**.\_size = \_size;

}

**public** **double** get\_prioritylevel() {

**return** \_prioritylevel;

}

**public** **void** set\_prioritylevel(**double** \_prioritylevel) {

**this**.\_prioritylevel = \_prioritylevel;

}

**public** Date get\_createdDate() {

**return** \_createdDate;

}

**public** **void** set\_createdDate(Date \_createdDate) {

**this**.\_createdDate = \_createdDate;

}

**public** Note() {

}

**public** Note(String \_name, String \_content, **double** \_size, **double** \_prioritylevel, Date \_createdDate) {

**this**.\_name = \_name;

**this**.\_content = \_content;

**this**.\_size = \_size;

**this**.\_prioritylevel = \_prioritylevel;

**this**.\_createdDate = \_createdDate;

}

@Override

**public** String toString() {

**return** "Note [\_name=" + \_name + ", \_content=" + \_content + ", \_size=" + \_size + ", \_prioritylevel="

+ \_prioritylevel + ", \_createdDate=" + \_createdDate + "]";

}

**public** **static** Note CreateNote(String detail) **throws** NumberFormatException, ParseException

{

SimpleDateFormat df=**new** SimpleDateFormat("dd-MM-yyyy");

Note note=**new** Note(detail.split(",")[0],detail.split(",")[1],Double.*parseDouble*(detail.split(",")[2])

,Double.*parseDouble*(detail.split(",")[3]),df.parse(detail.split(",")[4]));

**return** note;

}

**static** Map<Date,Integer> CalculateDateCount(List<Note> list)

{

Map<Date,Integer>count=**new** TreeMap<Date,Integer>();

**int** dateCount=1;

**for** (Note note : list) {

**if**(!count.containsKey(note.\_createdDate))

{

count.put(note.\_createdDate,dateCount);

}

**else**

{

count.put(note.\_createdDate,count.get(note.\_createdDate)+1);

}

}

**return** count;

}

}