55-2)

package doselect;

import java.util.\*;

public class Student55 {

public String name;

private int score;

public Student55(String name, int score){

this.name=name;

this.score=score;

}

public int getScore() {

return score;

}

public String toString(){

return "Student{name='"+this.name+"', score="+getScore()+"}";

}

}

class ReportCard{

public List<String> mapStudentName(List<Student55> list){

List<String> l=new ArrayList<>();

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

l.add(list.get(i).name);

}

return l;

}

public List<Student55> scoreQuery(List<Student55> list){

List<Student55> lst=new ArrayList<>();

for(int j=0;j<list.size();j++){

if(list.get(j).getScore()>40 && list.get(j).getScore()>40){

lst.add(list.get(j));

}

}

return lst;

}

}

class Student55Main{

public static void main(String[] args){

ReportCard r = new ReportCard();

List<Student55> list = new ArrayList<Student55>();

list.add(new Student55("Sarah", 70));

list.add(new Student55("John", 99));

list.add(new Student55("Jenny", 39));

list.add(new Student55("Harry", 22));

List<String> l1=r.mapStudentName(list);

List<Student55> l2=r.scoreQuery(list);

System.out.println(l1);

System.out.println(l2);

}

}