54)

package doselect;

import java.util.\*;

public class Kingdom {

public String life;

public String nonLife;

public int lifeSpan;

public Kingdom(String life, String nonLife, int lifeSpan){

this.life=life;

this.nonLife=nonLife;

this.lifeSpan=lifeSpan;

}

public String getLife() {

return life;

}

public String getNonLife() {

return nonLife;

}

public int getLifeSpan() {

return lifeSpan;

}

public String toString(){

return "Kingdom{life='"+this.life+"', nonlife='"+this.nonLife+"', lifespan="+this.lifeSpan+"}";

}

}

class KingdomClassification{

public List<String> getKingdom(List<Kingdom> list){

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

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

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

}

return l;

}

public Kingdom findNameWithValidity(List<Kingdom> list, String name, int lifeSpan){

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

if(list.get(j).getNonLife()==name && list.get(j).getLifeSpan()==lifeSpan){

return list.get(j);

}

}

return null;

}

}

class KingdomMain{

public static void main(String[] args){

KingdomClassification k = new KingdomClassification();

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

list.add(new Kingdom("Protista", "Regnum", 3));

list.add(new Kingdom("Plantae", "Lapideum", 5));

List<String> lst=k.getKingdom(list);

Kingdom king=k.findNameWithValidity(list, "Lapideum", 5);

System.out.println(lst);

System.out.println(king);

}

}