**import** javax.swing.\*;

**import** java.awt.\*;

**import** java.awt.event.\*;

**import** java.io.IOException;

**import** java.util.ArrayList;

**import** javax.swing.JFrame;

**import** java.awt.Font;

**public** **class** DVD\_RENTING\_SYSTEM {

**public** **static** **void** main(String[] args){

Jframe frame=**new** Jframe();

frame.setVisible(**true**);}

}

**class** Jframe **extends** JFrame **implements** ActionListener{

**private** JMenuBar menubar;

**private** JMenu menuFile,menuEdit,menuHelp;

**private** JMenuItem misave,mireturn,mirenew,usehelp;

JButton type\_in=**new** JButton("新光盘录入");

JButton old\_manage=**new** JButton("旧，损坏光盘处理");

JButton search=**new** JButton("光盘状态查询");

JButton user\_manage=**new** JButton("客户管理");

JButton rent1=**new** JButton("租出");

JLabel i=**new** JLabel("DVD租赁系统");

JPanel head=**new** JPanel();//-------------------------------------------主界面

JTextField dvdname=**new** JTextField();

JTextField dvdpublisher=**new** JTextField();

JTextField dvdnumber=**new** JTextField();

JTextField dvdquantity=**new** JTextField();

JTextField dvdprice=**new** JTextField();

JLabel name\_all=**new** JLabel("DVD录入");

JLabel price=**new** JLabel("DVD价格");

JLabel name=**new** JLabel("DVD名称");

JLabel quantity=**new** JLabel("DVD数量");

JLabel publisher=**new** JLabel("DVD出版社");

JLabel number=**new** JLabel("DVD编号");

JButton enter=**new** JButton("录入");

JButton enter\_end\_return=**new** JButton("录入结束");

JPanel type=**new** JPanel();//-------------------------------------------------录入界面

JLabel renttitle=**new** JLabel("租出");

JTextField username=**new** JTextField();

JLabel usernamelabel=**new** JLabel("租客姓名");

JTextField userid=**new** JTextField();

JLabel useridlabel=**new** JLabel("租客身份证号");

JTextField dvdname1=**new** JTextField();

JLabel dvdnamelabel=**new** JLabel("DVD名称");

JTextField dvdid=**new** JTextField();

JLabel dvdidlabel=**new** JLabel("DVD编号");

JTextField rentdate=**new** JTextField();

JLabel rentdatelabel=**new** JLabel("借出月");

JTextField rentdate2=**new** JTextField();

JLabel rentdatelabel2=**new** JLabel("借出日");

JButton rent=**new** JButton("借出");

JButton rentreturn=**new** JButton("返回主菜单");

JLabel dvdlabel=**new** JLabel("DVD搜索");

JLabel dvdlabel1=**new** JLabel("输入DVD编号");

JTextField dvdsearch=**new** JTextField();

JButton searchbutton=**new** JButton("DVD编号搜索");

JPanel searchdvd=**new** JPanel();

JButton search\_return=**new** JButton("返回");//-----------------------------------------搜索界面

JTextField old\_dvd=**new** JTextField();

JLabel olddvd\_search=**new** JLabel("废旧DVD编号搜索");

JButton oldbutton=**new** JButton("废旧DVD编号查询");

JTextField old\_dvd\_name\_input=**new** JTextField();

JTextField old\_dvd\_publisher\_input=**new** JTextField();

JTextField old\_dvd\_quantity\_input=**new** JTextField();

JTextField old\_dvd\_number\_input=**new** JTextField();

JLabel oldname=**new** JLabel("废旧DVD名称");

JLabel olddvdquantity=**new** JLabel("废旧DVD数量");

JLabel olddvdpublisher=**new** JLabel("废旧DVD出版社");

JLabel olddvdnumber=**new** JLabel("废旧DVD编号");

JButton oldbutton\_input=**new** JButton("损坏光盘加入");

JLabel old\_dvd2=**new** JLabel("损坏光盘，旧光盘状态查询和录入");

JButton oldbutton\_return=**new** JButton("返回主界面");//------------------------------损坏光盘处理

JPanel old\_dvd1=**new** JPanel();

JLabel user\_manage1=**new** JLabel("客户管理");

JTextField bad\_user=**new** JTextField();

JLabel bad\_user\_name=**new** JLabel("不良客户姓名");

JTextField bad\_user\_id=**new** JTextField();

JLabel bad\_user\_id2=**new** JLabel("不良客户身份证号");

JButton bad\_user\_inputbutton=**new** JButton("添加");

JLabel user\_bad1=**new** JLabel("添加入客户黑名单");

JTextField user=**new** JTextField();

JLabel user\_search=**new** JLabel("租客租赁信息查询（身份证号）");

JButton user\_searchbutton=**new** JButton("查询");

JButton user\_return=**new** JButton("返回主菜单");

JPanel user\_manage2=**new** JPanel();//-------------------------------客户管理

**public** Jframe(){

**this**.setLayout(**null**);

**this**.setBounds(0,0,1000,700);

**this**.setTitle("DVD租赁系统");

menubar=**new** JMenuBar();

**this**.setJMenuBar(menubar);

menuFile=**new** JMenu("流程");

menuEdit=**new** JMenu("帮助");

menuHelp=**new** JMenu("反馈");

menubar.add(menuFile);

menubar.add(menuEdit);

menubar.add(menuHelp);

menuFile.addSeparator();

misave=**new** JMenuItem("租赁流程");

mireturn=**new** JMenuItem("归还流程");

mirenew=**new** JMenuItem("续借流程");

usehelp=**new** JMenuItem("使用帮助");

menuFile.add(misave);

menuFile.add(mireturn);

menuFile.add(mirenew);

menuHelp.add(usehelp);//-------------------菜单栏

misave.addActionListener(**this**);

mireturn.addActionListener(**this**);

mirenew.addActionListener(**this**);

usehelp.addActionListener(**this**);//------------菜单栏监听器

dvdname.setEditable(**true**);

dvdpublisher.setEditable(**true**);

dvdnumber.setEditable(**true**);

dvdquantity.setEditable(**true**);

dvdsearch.setEditable(**true**);

old\_dvd.setEditable(**true**);

bad\_user.setEditable(**true**);

bad\_user\_id.setEditable(**true**);

user.setEditable(**true**);

old\_manage.setBounds(150,200,150,90);

rent1.setBounds(350,300,150,90);

search.setBounds(550,200,150,90);

user\_manage.setBounds(150,400,150,90);

type\_in.setBounds(550,400,150,90);

i.setBounds(230,30,500,100);

i.setFont(**new** Font("",Font.*BOLD*,55));//-------------------主界面组建按钮控制

**this**.getContentPane().add(i);

**this**.getContentPane().add(type\_in);

**this**.getContentPane().add(old\_manage);

**this**.getContentPane().add(search);

**this**.getContentPane().add(rent1);

**this**.getContentPane().add(user\_manage);

type\_in.addActionListener(**this**);

old\_manage.addActionListener(**this**);

search.addActionListener(**this**);

user\_manage.addActionListener(**this**);

rent1.addActionListener(**this**);//------主菜单添加监听器

type.add(enter);

enter.setBounds(350, 400, 100, 50);

enter\_end\_return.setBounds(550, 400, 100, 50);

enter\_end\_return.addActionListener(**this**);

name\_all.setBounds(400,10,400,100);

type.add(dvdname);

dvdname.setBounds(350,150 , 200, 30);

type.add(dvdpublisher);

dvdpublisher.setBounds(350,190,200,30);

type.add(dvdnumber);

dvdnumber.setBounds(350, 230, 200, 30);

type.add(dvdquantity);

dvdquantity.setBounds(350,270,200,30);

dvdprice.setBounds(350,310,200,30);

type.add(name);

name.setBounds(580, 150,150 , 20);

type.add(quantity);

quantity.setBounds(580, 270, 100, 20);

type.add(publisher);

publisher.setBounds(580, 190,150, 20);

type.add(number);

number.setBounds(580, 230, 100, 20);

price.setBounds(580,310,100,20);

price.setFont(**new** Font("",Font.*BOLD*,22));

name\_all.setFont(**new** Font("",Font.*BOLD*,50));

number.setFont(**new** Font("",Font.*BOLD*,22));

name.setFont(**new** Font("",Font.*BOLD*,22));

publisher.setFont(**new** Font("",Font.*BOLD*,22));

quantity.setFont(**new** Font("",Font.*BOLD*,22));

enter.addActionListener(**this**);

type.setLayout(**null**);

type.setVisible(**true**);//----------------录入新光盘

searchdvd.add(dvdsearch);

dvdsearch.setBounds(400, 200, 200, 50);

searchdvd.add(searchbutton);

searchbutton.setBounds(430,320,120,30);

dvdlabel.setBounds(400,10,400,100);

dvdlabel.setFont(**new** Font("",Font.*BOLD*,50));

dvdlabel1.setBounds(670,200,200,50);

dvdlabel1.setFont(**new** Font("",Font.*BOLD*,20));

search\_return.setBounds(800,500,100,50);

search\_return.addActionListener(**this**);

searchbutton.addActionListener(**this**);//--------搜索光盘

old\_dvd1.add(old\_dvd);

old\_dvd1.add(old\_dvd2);

old\_dvd1.add(oldbutton);

old\_dvd.setBounds(30, 200, 180, 30);

olddvd\_search.setBounds(250,200, 200, 30);

olddvd\_search.setFont(**new** Font("",Font.*BOLD*,20));

oldbutton.setBounds(50,350,150,50);

old\_dvd\_name\_input.setBounds(450,150 , 200, 30);

old\_dvd\_publisher\_input.setBounds(450,190,200,30);

old\_dvd\_number\_input.setBounds(450, 230, 200, 30);

old\_dvd\_quantity\_input.setBounds(450,270,200,30);

oldname.setBounds(680, 150,250 , 20);

olddvdquantity.setBounds(680, 270,250, 20);

olddvdpublisher.setBounds(680, 190,250, 20);

olddvdnumber.setBounds(680, 230, 250, 20);

name\_all.setFont(**new** Font("",Font.*BOLD*,50));

olddvdnumber.setFont(**new** Font("",Font.*BOLD*,22));

oldname.setFont(**new** Font("",Font.*BOLD*,22));

olddvdpublisher.setFont(**new** Font("",Font.*BOLD*,22));

olddvdquantity.setFont(**new** Font("",Font.*BOLD*,22));

oldbutton\_input.setBounds(500,350,150,50);

oldbutton\_return.setBounds(800,500,100,50);

oldbutton\_return.addActionListener(**this**);

old\_dvd2.setBounds(100, 20, 1000, 50);

old\_dvd2.setFont(**new** Font("",Font.*BOLD*,50));

oldbutton.addActionListener(**this**);//--------------------------------------------------------旧光盘处理

user\_manage2.add(user\_manage1);

user\_manage2.add(bad\_user);

user\_manage2.add(bad\_user\_name);

user\_manage2.add(bad\_user\_id);

user\_manage2.add(bad\_user\_id2);

user\_manage2.add(bad\_user\_inputbutton);

user\_manage2.add(user\_bad1);

user\_manage2.add(user);

user\_manage2.add(user\_search);

user\_manage2.add(user\_searchbutton);

user\_manage1.setBounds(200, 20, 1000, 50);

user\_manage1.setFont(**new** Font("",Font.*BOLD*,50));

user.setBounds(30,200,180,30);

user\_search.setBounds(30, 250, 350, 30);

user\_search.setFont(**new** Font("",Font.*BOLD*,12));

user\_searchbutton.setBounds(50,350,150,50);

user\_return.setBounds(800,500,100,50);

bad\_user.setBounds(450,200 , 200, 30);

bad\_user\_name.setBounds(680, 200,250 , 20);

bad\_user\_id2.setBounds(680, 240,250, 20);

bad\_user\_id2.setFont(**new** Font("",Font.*BOLD*,20));

user\_bad1.setFont(**new** Font("",Font.*BOLD*,18));

user\_search.setFont(**new** Font("",Font.*BOLD*,20));

user\_searchbutton.setFont(**new** Font("",Font.*BOLD*,20));

bad\_user\_name.setFont(**new** Font("",Font.*BOLD*,20));

bad\_user\_id.setBounds(450,240,200,30);

user\_bad1.setBounds(450,150,500,30);

bad\_user\_inputbutton.setBounds(500,350,150,50);//------------------客户处理

user\_return.addActionListener(**this**);

bad\_user\_inputbutton.addActionListener(**this**);

user\_searchbutton.addActionListener(**this**);

renttitle.setBounds(450,30,200,60);

renttitle.setFont(**new** Font("",Font.*BOLD*,55));

username.setBounds(100,100,100,30);

usernamelabel.setBounds(250,100,150,30);

usernamelabel.setFont(**new** Font("",Font.*BOLD*,20));

userid.setBounds(100,150,100,30);

useridlabel.setBounds(250,150,150,30);

useridlabel.setFont(**new** Font("",Font.*BOLD*,20));

dvdname1.setBounds(100,200,100,30);

dvdnamelabel.setBounds(250,200,150,30);

dvdnamelabel.setFont(**new** Font("",Font.*BOLD*,20));

dvdid.setBounds(100,250,100,30);

dvdidlabel.setBounds(250,250,150,30);

dvdidlabel.setFont(**new** Font("",Font.*BOLD*,20));

rentdate.setBounds(100,300,100,30);

rentdatelabel.setBounds(250,300,150,30);

rentdatelabel.setFont(**new** Font("",Font.*BOLD*,20));

rentdate2.setBounds(100,350,100,30);

rentdatelabel2.setBounds(250,350,150,30);

rentdatelabel2.setFont(**new** Font("",Font.*BOLD*,20));

rent.setBounds(250,450,100,30);

rentreturn.setBounds(800,500,100,50);

rentreturn.addActionListener(**this**);

}

**public** **void** actionPerformed(ActionEvent e) {

**if**(e.getSource()==type\_in){

**this**.remove(type\_in);

**this**.remove(old\_manage);

**this**.remove(i);

**this**.remove(search);

**this**.remove(user\_manage);

**this**.remove(rent1);

**this**.getContentPane().add(dvdprice);

**this**.getContentPane().add(price);

**this**.getContentPane().add(dvdnumber);

**this**.getContentPane().add(number);

**this**.getContentPane().add(dvdname);

**this**.getContentPane().add(name);

**this**.getContentPane().add(dvdpublisher);

**this**.getContentPane().add(publisher);

**this**.getContentPane().add(dvdquantity);

**this**.getContentPane().add(quantity);

**this**.getContentPane().add(enter);

**this**.getContentPane().add(enter\_end\_return);

**this**.getContentPane().add(name\_all);

**this**.repaint();

**this**.getContentPane().validate();

}**else** **if**(e.getSource()==rent1){

**this**.remove(type\_in);

**this**.remove(old\_manage);

**this**.remove(i);

**this**.remove(search);

**this**.remove(user\_manage);

**this**.remove(rent1);

**this**.getContentPane().add(renttitle);

**this**.getContentPane().add(username);

**this**.getContentPane().add(usernamelabel);

**this**.getContentPane().add(userid);

**this**.getContentPane().add(useridlabel);

**this**.getContentPane().add(dvdname1);

**this**.getContentPane().add(dvdnamelabel);

**this**.getContentPane().add(dvdid);

**this**.getContentPane().add(dvdidlabel);

**this**.getContentPane().add(rentdate);

**this**.getContentPane().add(rentdatelabel);

**this**.getContentPane().add(rentdate2);

**this**.getContentPane().add(rentdatelabel2);

**this**.getContentPane().add(rentreturn);

**this**.getContentPane().add(rent);

**this**.repaint();

**this**.getContentPane().validate();

}

**else** **if**(e.getSource()==search){

**this**.remove(type\_in);

**this**.remove(old\_manage);

**this**.remove(i);

**this**.remove(search);

**this**.remove(user\_manage);

**this**.remove(rent1);

**this**.getContentPane().add(dvdsearch);

**this**.getContentPane().add(searchbutton);

**this**.getContentPane().add(dvdlabel);

**this**.getContentPane().add(dvdlabel1);

**this**.getContentPane().add(search\_return);

**this**.repaint();

**this**.getContentPane().validate();

}**else** **if**(e.getSource()==old\_manage){

**this**.remove(type\_in);

**this**.remove(old\_manage);

**this**.remove(i);

**this**.remove(search);

**this**.remove(user\_manage);

**this**.remove(rent1);

**this**.repaint();

**this**.getContentPane().validate();

**this**.getContentPane().add(old\_dvd\_number\_input);

**this**.getContentPane().add(olddvdnumber);

**this**.getContentPane().add(old\_dvd\_name\_input);

**this**.getContentPane().add(oldname);

**this**.getContentPane().add( old\_dvd\_publisher\_input);

**this**.getContentPane().add(olddvdpublisher);

**this**.getContentPane().add(old\_dvd\_quantity\_input);

**this**.getContentPane().add(olddvdquantity);

**this**.getContentPane().add(old\_dvd);

**this**.getContentPane().add(olddvd\_search);

**this**.getContentPane().add(oldbutton);

**this**.getContentPane().add(oldbutton\_input);

**this**.getContentPane().add(oldbutton\_return);

**this**.getContentPane().add(old\_dvd2);

}**else** **if**(e.getSource()==user\_manage){

**this**.remove(type\_in);

**this**.remove(old\_manage);

**this**.remove(i);

**this**.remove(search);

**this**.remove(user\_manage);

**this**.remove(rent1);

**this**.getContentPane().add(user\_manage1);

**this**.getContentPane().add(user);

**this**.getContentPane().add(user\_search);

**this**.getContentPane().add(user\_searchbutton);

**this**.getContentPane().add(bad\_user);

**this**.getContentPane().add(bad\_user\_name);

**this**.getContentPane().add(bad\_user\_id2);

**this**.getContentPane().add(bad\_user\_id);

**this**.getContentPane().add(user\_bad1);

**this**.getContentPane().add(bad\_user\_inputbutton);

**this**.getContentPane().add(user\_return);

**this**.repaint();

**this**.getContentPane().validate();

}**else** **if**(e.getSource()==rentreturn){

**this**.remove(renttitle);

**this**.remove(username);

**this**.remove(usernamelabel);

**this**.remove(userid);

**this**.remove(useridlabel);

**this**.remove(dvdname1);

**this**.remove(dvdnamelabel);

**this**.remove(dvdid);

**this**.remove(dvdidlabel);

**this**.remove(rentdate);

**this**.remove(rentdatelabel);

**this**.remove(rentdate2);

**this**.remove(rentdatelabel2);

**this**.remove(rentreturn);

**this**.remove(rent);

**this**.repaint();

**this**.getContentPane().validate();

**this**.getContentPane().add(old\_manage);

**this**.getContentPane().add(i);

**this**.getContentPane().add(search);

**this**.getContentPane().add(user\_manage);

**this**.getContentPane().add(rent1);

**this**.getContentPane().add(type\_in);

}

**else** **if**(e.getSource()==enter\_end\_return){

**this**.remove(dvdnumber);

**this**.remove(number);

**this**.remove(dvdname);

**this**.remove(name);

**this**.remove(dvdpublisher);

**this**.remove(publisher);

**this**.remove(dvdquantity);

**this**.remove(quantity);

**this**.remove(enter);

**this**.remove(enter\_end\_return);

**this**.remove(name\_all);

**this**.remove(dvdprice);

**this**.remove(price);

**this**.getContentPane().add(type\_in);

**this**.getContentPane().add(old\_manage);

**this**.getContentPane().add(i);

**this**.getContentPane().add(search);

**this**.getContentPane().add(user\_manage);

**this**.getContentPane().add(rent1);

**this**.repaint();

**this**.getContentPane().validate();

}**else** **if**(e.getSource()==user\_return){

**this**.remove(user\_manage1);

**this**.remove(user);

**this**.remove(user\_search);

**this**.remove(user\_searchbutton);

**this**.remove(bad\_user);

**this**.remove(bad\_user\_name);

**this**.remove(bad\_user\_id2);

**this**.remove(bad\_user\_id);

**this**.remove(user\_bad1);

**this**.remove(bad\_user\_inputbutton);

**this**.remove(user\_return);

**this**.getContentPane().add(type\_in);

**this**.getContentPane().add(old\_manage);

**this**.getContentPane().add(i);

**this**.getContentPane().add(search);

**this**.getContentPane().add(user\_manage);

**this**.getContentPane().add(rent1);

**this**.repaint();

**this**.getContentPane().validate();

}**else** **if**(e.getSource()==search\_return){

**this**.remove(dvdsearch);

**this**.remove(searchbutton);

**this**.remove(dvdlabel);

**this**.remove(dvdlabel1);

**this**.remove(search\_return);

**this**.getContentPane().add(type\_in);

**this**.getContentPane().add(old\_manage);

**this**.getContentPane().add(i);

**this**.getContentPane().add(search);

**this**.getContentPane().add(user\_manage);

**this**.getContentPane().add(rent1);

**this**.repaint();

**this**.getContentPane().validate();

}**else** **if**(e.getSource()==oldbutton\_return){

**this**.remove(old\_dvd\_number\_input);

**this**.remove(olddvdnumber);

**this**.remove(old\_dvd\_name\_input);

**this**.remove(oldname);

**this**.remove( old\_dvd\_publisher\_input);

**this**.remove(olddvdpublisher);

**this**.remove(old\_dvd\_quantity\_input);

**this**.remove(olddvdquantity);

**this**.remove(old\_dvd);

**this**.remove(olddvd\_search);

**this**.remove(oldbutton);

**this**.remove(oldbutton\_input);

**this**.remove(oldbutton\_return);

**this**.remove(old\_dvd2);

**this**.getContentPane().add(type\_in);

**this**.getContentPane().add(old\_manage);

**this**.getContentPane().add(rent1);

**this**.getContentPane().add(i);

**this**.getContentPane().add(search);

**this**.getContentPane().add(user\_manage);

**this**.repaint();

**this**.getContentPane().validate();

}

}

}