package renting2;

import javax.swing.\*;

import java.awt.\*;

import java.awt.event.\*;

import java.io.BufferedReader;

import java.io.File;

import java.io.FileOutputStream;

import java.io.FileReader;

import java.io.FileWriter;

import java.io.IOException;

import java.util.ArrayList;

import javax.swing.JFrame;

import javax.swing.JRadioButton;

import javax.swing.ButtonGroup;

public class DVD\_RENTING\_SYSTEM {

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

Jframe frame=new Jframe();

frame.setVisible(true);

}

}

class Jframe extends JFrame implements ActionListener{

ImageIcon background=new ImageIcon("c:\\Temp\\image3.jpg");

JLabel label=new JLabel(background);

JMenuBar menubar;

JMenu menuFile,menuEdit,menuHelp;

JMenuItem misave,mireturn,mirenew,usehelp;

JTextField account=new JTextField();

JLabel accountlabel=new JLabel("账号");

JPasswordField password=new JPasswordField();

JLabel passwordlabel=new JLabel("密码");

JButton btn=new JButton("登录");

JLabel pass=new JLabel("Login Interface");

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");

JButton return\_back=new JButton("归还");

JLabel i=new JLabel("DVD租赁系统");

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

static JTextField dvdname=new JTextField();

static JTextField dvdpublisher=new JTextField();

static JTextField dvdnumber=new JTextField();

static JTextField dvdquantity=new JTextField();

static 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");

JTextField rentprice=new JTextField();

JLabel rentpricelabel=new JLabel("支付租金");

JButton rent=new JButton("借出");

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

JLabel returntitle=new JLabel("归还");

JTextField returnusername=new JTextField();

JLabel returnusernamelabel=new JLabel("租客姓名");

JTextField returnuserid=new JTextField();

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

JTextField returndvdname1=new JTextField();

JLabel returndvdnamelabel=new JLabel("DVD名称");

JTextField returndvdid=new JTextField();

JLabel returndvdidlabel=new JLabel("DVD编号");

JTextField returnrentdate=new JTextField();

JLabel returnrentdatelabel=new JLabel("归还月");

JTextField returnrentdate2=new JTextField();

JLabel returnrentdatelabel2=new JLabel("归还日");

JTextField returnrentprice=new JTextField();

JLabel returnrentpricelabel=new JLabel("支付租金");

JButton returnrent=new JButton("归还");

JButton returnrentreturn=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搜索");

JButton oldbutton=new JButton("废旧DVD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();

JTextField old\_reason=new JTextField();

JLabel reason=new JLabel("废旧,损坏原因");

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");

ButtonGroup btngroup=new ButtonGroup();

JRadioButton yesbutton=new JRadioButton("可出租",true);

JRadioButton nobutton=new JRadioButton("不可出租");

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");

label.setBounds(0,0,1000,700);

JPanel imagepanel=(JPanel)this.getContentPane();

imagepanel.setOpaque(false);

this.getLayeredPane().add(label,new Integer(Integer.MIN\_VALUE));

//setVisible(true);

yesbutton.setBounds(0,650,50,50);

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);

account.setBounds(300,260,180,40);

password.setBounds(300,350,180,40);

accountlabel.setBounds(500,260,100,40);

passwordlabel.setBounds(500,350,100,40);

accountlabel.setFont(new Font("",Font.BOLD,20));

passwordlabel.setFont(new Font("",Font.BOLD,20));

btn.setBounds(550,450,100,30);

btn.setFont(new Font("",Font.BOLD,20));

pass.setBounds(50,40,400,60);

pass.setFont(new Font("",Font.BOLD,50));

btn.addActionListener(this);

old\_manage.setBounds(100,110,150,90);

rent1.setBounds(400,200,150,90);

search.setBounds(100,230,150,90);

user\_manage.setBounds(100,470,150,90);

return\_back.setBounds(600,200,150,90);

type\_in.setBounds(100,350,150,90);

i.setBounds(230,10,500,100);

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

this.getContentPane().add(account);

this.getContentPane().add(accountlabel);

this.getContentPane().add(password);

this.getContentPane().add(passwordlabel);

this.getContentPane().add(pass);

this.getContentPane().add(btn);

btngroup.add(yesbutton);

btngroup.add(nobutton);

return\_back.addActionListener(this);

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);

old\_reason.setBounds(450,310,200,30);

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

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

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

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

reason.setBounds(680,310,250,20);

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

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

reason.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(500,450,150,50);

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\_input.addActionListener(this);

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(100,100,150,30);

usernamelabel.setBounds(300,100,150,30);

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

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

useridlabel.setBounds(300,150,150,30);

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

dvdname1.setBounds(100,200,150,30);

dvdnamelabel.setBounds(300,200,150,30);

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

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

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

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

rentdate.setBounds(100,300,150,30);

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

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

rentdate2.setBounds(100,350,150,30);

rentdatelabel2.setBounds(300,350,150,30);

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

rentprice.setBounds(100,400,150,30);

rentpricelabel.setBounds(300,400,150,30);

rentpricelabel.setFont(new Font("",Font.BOLD,20));

rent.setBounds(180,520,100,30);

rent.addActionListener(this);

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

rentreturn.addActionListener(this);

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

returntitle.setFont(new Font("",Font.BOLD,55));

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

returnusernamelabel.setBounds(300,100,150,30);

returnusernamelabel.setFont(new Font("",Font.BOLD,20));

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

returnuseridlabel.setBounds(300,150,150,30);

returnuseridlabel.setFont(new Font("",Font.BOLD,20));

returndvdname1.setBounds(100,200,150,30);

returndvdnamelabel.setBounds(300,200,150,30);

returndvdnamelabel.setFont(new Font("",Font.BOLD,20));

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

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

returndvdidlabel.setFont(new Font("",Font.BOLD,20));

returnrentdate.setBounds(100,300,150,30);

returnrentdatelabel.setBounds(300,300,150,30);

returnrentdatelabel.setFont(new Font("",Font.BOLD,20));

returnrentdate2.setBounds(100,350,150,30);

returnrentdatelabel2.setBounds(300,350,150,30);

returnrentdatelabel2.setFont(new Font("",Font.BOLD,20));

returnrentprice.setBounds(100,400,150,30);

returnrentpricelabel.setBounds(300,400,150,30);

returnrentpricelabel.setFont(new Font("",Font.BOLD,20));

returnrent.setBounds(180,520,100,30);

returnrent.addActionListener(this);

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

returnrentreturn.addActionListener(this);

}

public void actionPerformed(ActionEvent e) {

if(e.getSource()==btn){

File file=new File("c:\\Temp\\account.txt");

File file2=new File("c:\\Temp\\password.txt");

if(!file.exists()||!file2.exists())

return;

FileReader fr=null;

BufferedReader br=null;

FileReader fr2=null;

BufferedReader br2=null;

try{

fr=new FileReader(file);

fr2=new FileReader(file2);

br=new BufferedReader(fr);

br2=new BufferedReader(fr2);

if(account.getText().compareTo(br.readLine())==0&&password.getText().compareTo(br2.readLine())==0){

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);

this.getContentPane().add(return\_back);

this.remove(account);

this.remove(accountlabel);

this.remove(password);

this.remove(passwordlabel);

this.remove(pass);

this.remove(btn);

this.repaint();

this.getContentPane().validate();

}

else{

JOptionPane.showMessageDialog(null,"登录失败","提示",JOptionPane.INFORMATION\_MESSAGE);

}

}catch(Exception ex){

ex.printStackTrace();

}finally{

try{

br.close();

fr.close();

}catch(Exception ex){

ex.printStackTrace();

}

}

} else 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.remove(return\_back);

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.remove(return\_back);

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.getContentPane().add(rentprice);

this.getContentPane().add(rentpricelabel);

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.remove(return\_back);

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()==return\_back){

this.remove(type\_in);

this.remove(old\_manage);

this.remove(i);

this.remove(search);

this.remove(user\_manage);

this.remove(rent1);

this.remove(return\_back);

this.getContentPane().add(returntitle);

this.getContentPane().add(returnusername);

this.getContentPane().add(returnusernamelabel);

this.getContentPane().add(returnuserid);

this.getContentPane().add(returnuseridlabel);

this.getContentPane().add(returndvdname1);

this.getContentPane().add(returndvdnamelabel);

this.getContentPane().add(returndvdid);

this.getContentPane().add(returndvdidlabel);

this.getContentPane().add(returnrentdate);

this.getContentPane().add(returnrentdatelabel);

this.getContentPane().add(returnrentdate2);

this.getContentPane().add(returnrentdatelabel2);

this.getContentPane().add(returnrentreturn);

this.getContentPane().add(returnrent);

this.getContentPane().add(returnrentprice);

this.getContentPane().add(returnrentpricelabel);

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.remove(return\_back);

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);

this.getContentPane().add(yesbutton);

this.getContentPane().add(nobutton);

this.getContentPane().add(old\_reason);

this.getContentPane().add(reason);

}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.remove(return\_back);

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.remove(rentprice);

this.remove(rentpricelabel);

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);

this.getContentPane().add(return\_back);

}else if(e.getSource()==returnrentreturn){

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.getContentPane().add(return\_back);

this.remove(returntitle);

this.remove(returnusername);

this.remove(returnusernamelabel);

this.remove(returnuserid);

this.remove(returnuseridlabel);

this.remove(returndvdname1);

this.remove(returndvdnamelabel);

this.remove(returndvdid);

this.remove(returndvdidlabel);

this.remove(returnrentdate);

this.remove(returnrentdatelabel);

this.remove(returnrentdate2);

this.remove(returnrentdatelabel2);

this.remove(returnrentreturn);

this.remove(returnrent);

this.remove(returnrentprice);

this.remove(returnrentpricelabel);

this.repaint();

this.getContentPane().validate();

}

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.getContentPane().add(return\_back);

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.getContentPane().add(return\_back);

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.getContentPane().add(return\_back);

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.remove(yesbutton);

this.remove(nobutton);

this.remove(old\_reason);

this.remove(reason);

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.getContentPane().add(return\_back);

this.repaint();

this.getContentPane().validate();

}else if(e.getSource()==enter){

FileOutputStream fos=null;

try{

fos=new FileOutputStream("c:\\Temp\\reports.txt",true);

// String a[]=null;a[0]=dvdname.getText().trim();a[1]=dvdpublisher.getText().trim();a[2]=dvdnumber.getText().trim();a[3]=dvdprice.getText().trim();

String temp=dvdname.getText()+"|"+dvdpublisher.getText().trim()+"|"+dvdnumber.getText().trim()+"|"+dvdprice.getText().trim()+"|"+dvdquantity.getText().trim()+"|";

try{

fos.write(temp.getBytes());

}catch(Exception e1){

e1.printStackTrace();

}

}catch(Exception ex){

ex.printStackTrace();

}finally{

try{

fos.close();

}catch(Exception ex){

ex.printStackTrace();

}

}

JOptionPane.showMessageDialog(null,"录入成功：DVD片名："+dvdname.getText().trim()+" DVD出版社："+dvdpublisher.getText().trim()+" DVD编号："+dvdnumber.getText().trim()+" DVD价格："+dvdprice.getText()+" DVD数量："+dvdquantity.getText(),"录入成功",JOptionPane.INFORMATION\_MESSAGE);

dvdname.setText("");

dvdpublisher.setText("");

dvdnumber.setText("");

dvdquantity.setText("");

dvdprice.setText("");

}else if(e.getSource()==searchbutton){

File file=new File("c:\\Temp\\reports.txt");//String[] info = null;

if(!file.exists())

return;

FileReader fr=null;

BufferedReader br=null;

try{

int count=0;

int a = 0;

fr=new FileReader(file);

br=new BufferedReader(fr);

String lineStr=null;

String error=null;

while((lineStr=br.readLine())!=null){

String[] info=lineStr.split("\\|");

for(int i=0;i<info.length;i++){

if(dvdsearch.getText().compareTo(info[i])==0)

{

a=i;

}else{

error="未找到结果";

}

}

if(dvdsearch.getText().compareTo(info[a])==0){

JOptionPane.showMessageDialog(null,"查询成功：DVD片名："+info[a-2]+" DVD出版社："+info[a-1]+" DVD编号："+info[a]+" DVD价格："+info[a+1]+" DVD可租出数："+info[a+2],"搜索结果",JOptionPane.INFORMATION\_MESSAGE);

}

else{

JOptionPane.showMessageDialog(null,error,"搜索结果",JOptionPane.INFORMATION\_MESSAGE);

}

}

}catch(Exception ex){

ex.printStackTrace();

}finally{

try{

br.close();

fr.close();

}catch(Exception ex){

ex.printStackTrace();

}

}

}else if(e.getSource()==rent){

FileOutputStream fos=null;

File file=new File("c:\\Temp\\reports.txt");

File file2=new File("c:\\Temp\\blacklist.txt");

if(!file.exists())

return;

FileReader fr=null;

FileReader fr2=null;

BufferedReader br=null;

BufferedReader br2=null;

try{

int a = 0;int count;

fr=new FileReader(file);

fr2=new FileReader(file2);

br=new BufferedReader(fr);

br2=new BufferedReader(fr2);

String lineStr=null;

String lineStr2=null;

String error=null;

String info2[] = null;

int m=0;

while((lineStr=br.readLine())!=null){

String[] info=lineStr.split("\\|");

while((lineStr2=br2.readLine())!=null){

info2=lineStr2.split("\\|");

for(int i=0;i<info2.length;i++){

if(userid.getText().compareTo(info2[i])==0)

{

m=i;

}

}

}

for(int i=0;i<info.length;i++){

if(dvdid.getText().compareTo(info[i])==0)

{

a=i;

}else{

error="未找到DVD，租借失败";

}

}

count=Integer.parseInt(info[a+2]);

try{ if(userid.getText().compareTo(info2[m])==0){

JOptionPane.showMessageDialog(null,"不良租客,禁止租出","不良租客黑名单",JOptionPane.INFORMATION\_MESSAGE);

fos=new FileOutputStream("c:\\Temp\\rent.txt",true);

}else if(count==0){

JOptionPane.showMessageDialog(null,"库存不足","借出结果",JOptionPane.INFORMATION\_MESSAGE);

fos=new FileOutputStream("c:\\Temp\\rent.txt",true);

}

else if(dvdid.getText().compareTo(info[a])==0){

JOptionPane.showMessageDialog(null,"租借成功：DVD片名："+info[a-2]+" DVD出版社："+info[a-1]+" DVD编号："+info[a]+" 需支付金额："+info[a+1],"搜索结果",JOptionPane.INFORMATION\_MESSAGE);

fos=new FileOutputStream("c:\\Temp\\rent.txt",true);

String temp=username.getText()+"|"+userid.getText().trim()+"|"+dvdname1.getText().trim()+"|"+dvdid.getText().trim()+"|"+rentdate.getText().trim()+"|"+rentdate2.getText().trim()+"|"+rentprice.getText().trim()+"|";

fos.write(temp.getBytes());

JOptionPane.showMessageDialog(null,"租客："+username.getText()+"|租客身份证号："+userid.getText().trim()+"|DVD名称："+dvdname1.getText().trim()+"|DVD编号："+dvdid.getText().trim()+"|租出月份："+rentdate.getText().trim()+"|租出日："+rentdate2.getText().trim()+"|支付租金："+rentprice.getText().trim()+"|","租出"

,JOptionPane.INFORMATION\_MESSAGE);

int z=Integer.parseInt(info[a+2])-1;

info[a+2]=Integer.toString(z);

String again="";

for(int w=0;w<info.length;w++){

again=again+info[w]+"|";

}

fos=new FileOutputStream("c:\\Temp\\reports.txt");

fos.write(again.getBytes());

}

else{

JOptionPane.showMessageDialog(null,error,"搜索结果",JOptionPane.INFORMATION\_MESSAGE);

fos=new FileOutputStream("c:\\Temp\\rent.txt",true);

}

}catch(Exception e1){

e1.printStackTrace();

}

}

}catch(Exception ex){

ex.printStackTrace();

}finally{

try{

fos.close();

}catch(Exception ex){

ex.printStackTrace();

}

}

username.setText("");

userid.setText("");

dvdname1.setText("");

dvdid.setText("");

rentdate.setText("");

rentdate2.setText("");

rentprice.setText("");

}else if(e.getSource()==bad\_user\_inputbutton){

FileOutputStream fos=null;

try{

fos=new FileOutputStream("c:\\Temp\\blacklist.txt",true);

String temp=bad\_user.getText().trim()+"|"+bad\_user\_id.getText().trim()+"|";

try{

fos.write(temp.getBytes());

}catch(Exception e1){

e1.printStackTrace();

}

}catch(Exception ex){

ex.printStackTrace();

}finally{

try{

fos.close();

}catch(Exception ex){

ex.printStackTrace();

}

}

JOptionPane.showMessageDialog(null,"不良租客："+bad\_user.getText()+"|不良租客身份证号："+bad\_user\_id.getText().trim()+"|","不良租客"

,JOptionPane.INFORMATION\_MESSAGE);

bad\_user.setText("");

bad\_user\_id.setText("");

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

FileOutputStream fos=null;

try{

fos=new FileOutputStream("c:\\Temp\\olddvd.txt",true);

// String a[]=null;a[0]=dvdname.getText().trim();a[1]=dvdpublisher.getText().trim();a[2]=dvdnumber.getText().trim();a[3]=dvdprice.getText().trim();

String temp=old\_dvd\_name\_input.getText()+"|"+old\_dvd\_publisher\_input.getText().trim()+"|"+old\_dvd\_quantity\_input.getText().trim()+"|"+old\_dvd\_number\_input.getText().trim()+"|";

String[] info=temp.split("\\|");

try{

fos.write(temp.getBytes());

}catch(Exception e1){

e1.printStackTrace();

}

}catch(Exception ex){

ex.printStackTrace();

}finally{

try{

fos.close();

}catch(Exception ex){

ex.printStackTrace();

}

}

JOptionPane.showMessageDialog(null,"录入成功：DVD片名："+old\_dvd\_name\_input.getText().trim()+" DVD出版社："+old\_dvd\_publisher\_input.getText().trim()+" DVD编号："+old\_dvd\_number\_input.getText().trim()+" DVD数量："+old\_dvd\_quantity\_input.getText(),"录入成功",JOptionPane.INFORMATION\_MESSAGE);

old\_dvd\_name\_input.setText("");

old\_dvd\_publisher\_input.setText("");

old\_dvd\_quantity\_input.setText("");

old\_dvd\_number\_input.setText("");

}

else if(e.getSource()==user\_searchbutton){

File file=new File("c:\\Temp\\rent.txt");

File file2=new File("c:\\Temp\\blacklist.txt");

if(!file.exists()||!file2.exists())

return;

FileReader fr=null;

FileReader fr2=null;

BufferedReader br=null;

BufferedReader br2=null;

try{

int count=0;

int a = 0;

fr=new FileReader(file);

fr2=new FileReader(file2);

br=new BufferedReader(fr);

br2=new BufferedReader(fr2);

String lineStr=null;

String lineStr2=null;

String error=null;

while((lineStr=br.readLine())!=null){

String[] info=lineStr.split("\\|");

while((lineStr2=br2.readLine())!=null){

String[] info2=lineStr2.split("\\|");

for(int i=0;i<info2.length;i++){

if(user.getText().compareTo(info2[i])==0)

{

JOptionPane.showMessageDialog(null,"该客户为不良用户","搜索结果",JOptionPane.INFORMATION\_MESSAGE);

}

}

}

for(int i=0;i<info.length;i++){

if(user.getText().compareTo(info[i])==0)

{

a=i;

}

}

if(user.getText().compareTo(info[a])==0){

JOptionPane.showMessageDialog(null,"查询成功：姓名："+info[a-1]+" 身份证号："+info[a]+" 在租DVD："+info[a+1]+" 在租DVD编号："+info[a+2]+" 租借月份："+info[a+3]+" 租借日："+info[a+4]+" 支付金额："+info[a+5],"搜索结果",JOptionPane.INFORMATION\_MESSAGE);

}

else{

JOptionPane.showMessageDialog(null,"该客户无在租DVD","搜索结果",JOptionPane.INFORMATION\_MESSAGE);

}

}while((lineStr=br.readLine())==null){

JOptionPane.showMessageDialog(null,"该客户无在租DVD","搜索结果",JOptionPane.INFORMATION\_MESSAGE); break;

}

}catch(Exception ex){

ex.printStackTrace();

}finally{

try{

br.close();

fr.close();

}catch(Exception ex){

ex.printStackTrace();

}

}

}else if(e.getSource()==oldbutton){

File file=new File("c:\\Temp\\olddvd.txt");

if(!file.exists())

return;

FileReader fr=null;

BufferedReader br=null;

try{

int count=0;

int a = 0;

fr=new FileReader(file);

br=new BufferedReader(fr);

String lineStr=null;

String error=null;

while((lineStr=br.readLine())!=null){

String[] info=lineStr.split("\\|");

for(int i=0;i<info.length;i++){

if(old\_dvd.getText().compareTo(info[i])==0)

{

a=i;

}else{

error="未找到结果";

}

}

if(old\_dvd.getText().compareTo(info[a])==0){

JOptionPane.showMessageDialog(null,"查询成功：DVD片名："+info[a]+" DVD出版社："+info[a+1]+" DVD数量："+info[a+2]+" DVD编号："+info[a+3],"搜索结果",JOptionPane.INFORMATION\_MESSAGE);

}

else{

JOptionPane.showMessageDialog(null,error,"搜索结果",JOptionPane.INFORMATION\_MESSAGE);

}

}

}catch(Exception ex){

ex.printStackTrace();

}finally{

try{

br.close();

fr.close();

}catch(Exception ex){

ex.printStackTrace();

}

}

}else if(e.getSource()==returnrent){

FileOutputStream fos=null;

File file=new File("c:\\Temp\\rent.txt");

File file2=new File("c:\\Temp\\reports.txt");

if(!file.exists())

return;

FileReader fr=null;

FileReader fr2=null;

BufferedReader br=null;

BufferedReader br2=null;

try{

int count=0;

int a = 0;

fr=new FileReader(file);

fr2=new FileReader(file2);

br=new BufferedReader(fr);

br2=new BufferedReader(fr2);

String lineStr=null;

String error=null;

while((lineStr=br.readLine())!=null){

String[] info=lineStr.split("\\|");

for(int i=0;i<info.length;i++){

if(returnuserid.getText().compareTo(info[i])==0)

{

a=i;

}else{

error="未找到结果";

}

}

if(returnuserid.getText().compareTo(info[a])==0){

JOptionPane.showMessageDialog(null,info[a-1]+" "+info[a+1]+" 租出日期："+info[a+3]+"月"+info[a+4]+"日 退回金额："+info[a+5],"搜索结果",JOptionPane.INFORMATION\_MESSAGE);

}

else{

JOptionPane.showMessageDialog(null,error,"搜索结果",JOptionPane.INFORMATION\_MESSAGE);

}

String returnback="";

for(int i=0;i<a-1;i++){

returnback=returnback+info[i]+"|";

}

for(int i=a+6;i<info.length;i++){

returnback=returnback+info[i]+"|";

}fos=new FileOutputStream("c:\\Temp\\rent.txt");

fos.write(returnback.getBytes());

String renew="";

while((lineStr=br2.readLine())!=null){

String[] info2=lineStr.split("\\|");

for(int i=0;i<info2.length;i++){

if(returndvdid.getText().compareTo(info2[i])==0){

a=i;

break;

}

}

int x=Integer.parseInt(info2[a+2])+1;

info2[a+2]=Integer.toString(x);

for(int i=0;i<info2.length;i++){

renew=renew+info2[i]+"|";

}fos=new FileOutputStream("c:\\Temp\\reports.txt");

fos.write(renew.getBytes());

}

}

}catch(Exception ex){

ex.printStackTrace();

}finally{

try{

br.close();

fr.close();

}catch(Exception ex){

ex.printStackTrace();

}

}

}

}

}