JAVA MINIPROJECT

MOVIE TICKET MANAGEMENT

INPUT:

import java.awt.\*;

import java.awt.event.\*;

import java.applet.\*;

/\*<applet code="movieTicket.class"width=570 height=450></applet>\*/

public class movieTicket extends Applet implements ActionListener,ItemListener

{

Label theatre,movie,date,time,ticket,quantity,stmt,stmt1,stmt2,stmt3;

Button tick;

Checkbox r1,r2,r3,r4,r5,r6,r7,r8,r9,r10,r11,r12;

Checkbox g1,g2,g3,g4,g5,g6,g7,g8,g9,g10,g11,g12;

Checkbox y1,y2,y3,y4,y5,y6,y7,y8,y9,y10,y11,y12;

TextArea output;

String th,mo,dom,tom,q,nos;

String sr1,sr2,sr3,sr4,sr5,sr6,sr7,sr8,sr9,sr10,sr11,sr12;

String sg1,sg2,sg3,sg4,sg5,sg6,sg7,sg8,sg9,sg10,sg11,sg12;

String sy1,sy2,sy3,sy4,sy5,sy6,sy7,sy8,sy9,sy10,sy11,sy12;

int amount;

Choice t = new Choice();

Choice m = new Choice();

Choice d = new Choice();

Choice ti = new Choice();

Choice s = new Choice();

public void init()

{

theatre = new Label("Theatre");

movie = new Label(" Movie");

date = new Label("Date of Movie");

time = new Label(" Time of Movie");

ticket = new Label("Ticket");

quantity= new Label("No. of seats");

stmt = new Label("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Select Seats\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

stmt1 = new Label("Cost of Seats: Red seats:200");

stmt2 = new Label(" Green seats:150");

stmt3 = new Label(" Yellow seats:80");

tick = new Button("Print");

r1=new Checkbox("A1");

g1=new Checkbox("B1");

y1=new Checkbox("C1");

r2=new Checkbox("A2");

g2=new Checkbox("B2");

y2=new Checkbox("C2");

r3=new Checkbox("A3");

g3=new Checkbox("B3");

y3=new Checkbox("C3");

r4=new Checkbox("A4");

g4=new Checkbox("B4");

y4=new Checkbox("C4");

r5=new Checkbox("A5");

g5=new Checkbox("B5");

y5=new Checkbox("C5");

r6=new Checkbox("A6");

g6=new Checkbox("B6");

y6=new Checkbox("C6");

r7=new Checkbox("A7");

g7=new Checkbox("B7");

y7=new Checkbox("C7");

r8=new Checkbox("A8");

g8=new Checkbox("B8");

y8=new Checkbox("C8");

r9=new Checkbox("A9");

g9=new Checkbox("B9");

y9=new Checkbox("C9");

r10=new Checkbox("A10");

g10=new Checkbox("B10");

y10=new Checkbox("C10");

r11=new Checkbox("A11");

g11=new Checkbox("B11");

y11=new Checkbox("C11");

r12=new Checkbox("A12");

g12=new Checkbox("B12");

y12=new Checkbox("C12");

r1.setBackground(Color.red);

g1.setBackground(Color.green);

y1.setBackground(Color.yellow);

r2.setBackground(Color.red);

g2.setBackground(Color.green);

y2.setBackground(Color.yellow);

r3.setBackground(Color.red);

g3.setBackground(Color.green);

y3.setBackground(Color.yellow);

r4.setBackground(Color.red);

g4.setBackground(Color.green);

y4.setBackground(Color.yellow);

r5.setBackground(Color.red);

g5.setBackground(Color.green);

y5.setBackground(Color.yellow);

r6.setBackground(Color.red);

g6.setBackground(Color.green);

y6.setBackground(Color.yellow);

r7.setBackground(Color.red);

g7.setBackground(Color.green);

y7.setBackground(Color.yellow);

r8.setBackground(Color.red);

g8.setBackground(Color.green);

y8.setBackground(Color.yellow);

r9.setBackground(Color.red);

g9.setBackground(Color.green);

y9.setBackground(Color.yellow);

r10.setBackground(Color.red);

g10.setBackground(Color.green);

y10.setBackground(Color.yellow);

r11.setBackground(Color.red);

g11.setBackground(Color.green);

y11.setBackground(Color.yellow);

r12.setBackground(Color.red);

g12.setBackground(Color.green);

y12.setBackground(Color.yellow);

t.add("Select a theatre");

t.add("Metro Big Cinema");

t.add("Sterling");

t.add("New Excelsior");

t.add("PVR");

m.add("Select a movie");

m.add("Avenger Infinity War");

m.add("The Nun");

m.add("Me Before You");

m.add("The Godfather");

d.add("Select a date");

d.add("26/10/19");

d.add("27/10/19");

d.add("28/10/19");

d.add("29/10/19");

ti.add("Select a time");

ti.add("9.00am");

ti.add("1.00pm");

ti.add("5.00pm");

ti.add("10.00pm");

s.add("Select no. of seats");

s.add("1");

s.add("2");

s.add("3");

s.add("4");

output = new TextArea(10,25);

setLayout(new FlowLayout());

add(theatre);

add(t);

add(movie);

add(m);

add(date);

add(d);

add(time);

add(ti);

add(quantity);

add(s);

add(stmt);

add(stmt1);

add(stmt2);

add(stmt3);

add(r1);add(r2);add(r3);add(r4);add(r5);add(r6);add(r7);add(r8);add(r9);add(r10);add(r11);add(r12);

add(g1);add(g2);add(g3);add(g4);add(g5);add(g6);add(g7);add(g8);add(g9);add(g10);add(g11);add(g12);

add(y1);add(y2);add(y3);add(y4);add(y5);add(y6);add(y7);add(y8);add(y9);add(y10);add(y11);add(y12);

add(ticket);

add(tick);

add(output);

r1.addItemListener(this);

g1.addItemListener(this);

y1.addItemListener(this);

r2.addItemListener(this);

g2.addItemListener(this);

y2.addItemListener(this);

r3.addItemListener(this);

g3.addItemListener(this);

y3.addItemListener(this);

r4.addItemListener(this);

g4.addItemListener(this);

y4.addItemListener(this);

r5.addItemListener(this);

g5.addItemListener(this);

y5.addItemListener(this);

r6.addItemListener(this);

g6.addItemListener(this);

y6.addItemListener(this);

r7.addItemListener(this);

g7.addItemListener(this);

y7.addItemListener(this);

r8.addItemListener(this);

g8.addItemListener(this);

y8.addItemListener(this);

r9.addItemListener(this);

g9.addItemListener(this);

y9.addItemListener(this);

r10.addItemListener(this);

g10.addItemListener(this);

y10.addItemListener(this);

r11.addItemListener(this);

g11.addItemListener(this);

y11.addItemListener(this);

r12.addItemListener(this);

g12.addItemListener(this);

y12.addItemListener(this);

tick.addActionListener(this);

}

public void itemStateChanged(ItemEvent e)

{

int r=0,g=0,y=0;

nos = s.getItem(s.getSelectedIndex());

int n = Integer.parseInt(nos);

if(r1.getState() == true)

{

r=r+1;

sr1=r1.getLabel();

}

else sr1="";

if(r2.getState() == true)

{

r=r+1;

sr2=r2.getLabel();

}

else sr2="";

if(r3.getState() == true)

{

r=r+1;

sr3=r3.getLabel();

}

else sr3="";

if(r4.getState() == true)

{

r=r+1;

sr4=r4.getLabel();

}

else sr4="";

if(r5.getState() == true)

{

r=r+1;

sr5=r5.getLabel();

}

else sr5="";

if(r6.getState() == true)

{

r=r+1;

sr6=r6.getLabel();

}

else sr6="";

if(r7.getState() == true)

{

r=r+1;

sr7=r7.getLabel();

}

else sr7="";

if(r8.getState() == true)

{

r=r+1;

sr8=r8.getLabel();

}

else sr8="";

if(r9.getState() == true)

{

r=r+1;

sr9=r9.getLabel();

}

else sr9="";

if(r10.getState() == true)

{

r=r+1;

sr10=r10.getLabel();

}

else sr10="";

if(r11.getState() == true)

{

r=r+1;

sr11=r11.getLabel();

}

else sr11="";

if(r12.getState() == true)

{

r=r+1;

sr12=r12.getLabel();

}

else sr12="";

if(g1.getState() == true)

{

g=g+1;

sg1=g1.getLabel();

}

else sg1="";

if(g2.getState() == true)

{

g=g+1;

sg2=g2.getLabel();

}

else sg1="";

if(g2.getState() == true)

{

g=g+1;

sg2=g2.getLabel();

}

else sg2="";

if(g3.getState() == true)

{

g=g+1;

sg3=g3.getLabel();

}

else sg3="";

if(g4.getState() == true)

{

g=g+1;

sg4=g4.getLabel();

}

else sg4="";

if(g5.getState() == true)

{

g=g+1;

sg5=g5.getLabel();

}

else sg5="";

if(g6.getState() == true)

{

g=g+1;

sg6=g6.getLabel();

}

else sg6="";

if(g7.getState() == true)

{

g=g+1;

sg7=g7.getLabel();

}

else sg7="";

if(g8.getState() == true)

{

g=g+1;

sg8=g8.getLabel();

}

else sg8="";

if(g9.getState() == true)

{

g=g+1;

sg9=g9.getLabel();

}

else sg9="";

if(g10.getState() == true)

{

g=g+1;

sg10=g10.getLabel();

}

else sg10="";

if(g11.getState() == true)

{

g=g+1;

sg11=g11.getLabel();

}

else sg11="";

if(g12.getState() == true)

{

g=g+1;

sg12=g12.getLabel();

}

else sg12="";

if(y1.getState() == true)

{

y=y+1;

sy1=y1.getLabel();

}

else sy1="";

if(y2.getState() == true)

{

y=y+1;

sy2=y2.getLabel();

}

else sy2="";

if(y3.getState() == true)

{

y=y+1;

sy3=y3.getLabel();

}

else sy3="";

if(y4.getState() == true)

{

y=y+1;

sy4=y4.getLabel();

}

else sy4="";

if(y5.getState() == true)

{

y=y+1;

sy5=y5.getLabel();

}

else sy5="";

if(y6.getState() == true)

{

y=y+1;

sy6=y6.getLabel();

}

else sy6="";

if(y7.getState() == true)

{

y=y+1;

sy7=y7.getLabel();

}

else sy7="";

if(y8.getState() == true)

{

y=y+1;

sy8=y8.getLabel();

}

else sy8="";

if(y9.getState() == true)

{

y=y+1;

sy9=y9.getLabel();

}

else sy9="";

if(y10.getState() == true)

{

y=y+1;

sy10=y10.getLabel();

}

else sy10="";

if(y11.getState() == true)

{

y=y+1;

sy11=y11.getLabel();

}

else sy11="";

if(y12.getState() == true)

{

y=y+1;

sy12=y12.getLabel();

}

else sy12="";

if(r+g+y == n)

{

r1.setEnabled(false);

g1.setEnabled(false);

y1.setEnabled(false);

r2.setEnabled(false);

g2.setEnabled(false);

y2.setEnabled(false);

r3.setEnabled(false);

g3.setEnabled(false);

y3.setEnabled(false);

r4.setEnabled(false);

g4.setEnabled(false);

y4.setEnabled(false);

r5.setEnabled(false);

g5.setEnabled(false);

y5.setEnabled(false);

r6.setEnabled(false);

g6.setEnabled(false);

y6.setEnabled(false);

r7.setEnabled(false);

g7.setEnabled(false);

y7.setEnabled(false);

r8.setEnabled(false);

g8.setEnabled(false);

y8.setEnabled(false);

r9.setEnabled(false);

g9.setEnabled(false);

y9.setEnabled(false);

r10.setEnabled(false);

g10.setEnabled(false);

y10.setEnabled(false);

r11.setEnabled(false);

g11.setEnabled(false);

y11.setEnabled(false);

r12.setEnabled(false);

g12.setEnabled(false);

y12.setEnabled(false);

}

amount = (200\*r)+(150\*g)+(80\*y);

}

public void actionPerformed(ActionEvent ae)

{

String buttonPressed = ae.getActionCommand();

th = t.getItem(t.getSelectedIndex());

mo = m.getItem(m.getSelectedIndex());

dom = d.getItem(d.getSelectedIndex());

tom = ti.getItem(ti.getSelectedIndex());

nos = s.getItem(s.getSelectedIndex());

if(buttonPressed.equals("Print"))

{

output.setText("Theatre:"+th+"\nMovie:"+mo+"\nDate of movie:"+dom+"\nTime:"+tom+"\nNo. of Seats:"+nos+"\nSeatNos :"+sr1+sr2+sr3+sr4+sr5+sr6+sr7+sr8+sr9+sr10+sr11+sr12+sg1+sg2+sg3+sg4+sg5+sg6+sg7+sg8+sg9+sg10+sg11+sg12+sy1+sy2+sy3+sy4+sy5+sy6+sy7+sy8+sy9+sy10+sy11+sy12+"\nTotalAmount:"+amount);

}

}

}