import java.applet.Applet;

import java.awt.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.awt.event.AdjustmentEvent;

import java.awt.event.AdjustmentListener;

import java.awt.event.ItemEvent;

import java.awt.event.ItemListener;

public class Project11\_1 extends Applet implements ActionListener, ItemListener, AdjustmentListener{

Label

title = new Label("Chip Tickets Agency"),

depart = new Label(" Depart Arrive"),

CityAirport = new Label("City/Airport City/Airport"),

Name = new Label("Name"),

Phone = new Label("Phone No"),

NumTickets = new Label("Number of tickets"),

Type = new Label("Type of Tickets"),

Conformation = new Label("Conformation");

Scrollbar NumScroll = new Scrollbar(0,0,10,0,210);

Button buy = new Button("Buy Ticket(s)");

TextField

txtNum = new TextField(),

txtName = new TextField(),

txtPhone = new TextField();

TextArea

txtConformation = new TextArea();

// CheckboxGroup

CheckboxGroup cbg = new CheckboxGroup();

// Checkbox

Checkbox

opFirst = new Checkbox("First Class",cbg, true),

opEconomy = new Checkbox("Economy Class",cbg,false),

opBusiness = new Checkbox("Business Class",cbg,false);

// Choice

List

DTable = new List(5, false),

ATable = new List(5, false);

// Font

Font fBold = new Font("Times New Roman", Font.BOLD,27);

public void init(){

// First level

int height = 25;

setLayout(null);

title.setBounds(100,30,300,30); title.setFont(fBold); add(title);

depart.setBounds(50,75,200,height); add(depart);

CityAirport.setBounds(50, 100, 300, height); add(CityAirport);

// List

String [] Content = {"LAX", "Ontario", "Fullerton","John Wayne", "La Verne","another city",

"New York", "Paris", "London", "Los Vegas", "Hawii", "Dallas", "Bostan"};

for(int i = 0; i<6;i++){

DTable.add(Content[i]);

ATable.add(Content[i+5]);

}

DTable.setBounds(45, 130, 100, 100);

ATable.setBounds(200,130,100,100);

add(DTable); add(ATable);

// Name and phoneNum

Name.setBounds(350,100,120,height); add(Name);

txtName.setBounds(325, 130, 100, height); add(txtName);

Phone.setBounds(350,170,120,height); add(Phone);

txtPhone.setBounds(325, 200, 100, height); add(txtPhone);

// Second Level

int secondT = 250;

int secondL = 45;

int secondW = 140;

// Num of Tickets

NumTickets.setBounds(secondL, secondT, secondW, height); add(NumTickets);

NumScroll.setBounds(secondL+150, secondT, secondW, height); add(NumScroll);

txtNum.setBounds(secondL+secondW+190, secondT,35,height); add(txtNum);

// Third Level Left

int thirdL = 45;

int thirdT = 290;

int thirdW = 150;

int gap = 5;

Type.setBounds(thirdL, thirdT,thirdW,height); add(Type);

opFirst.setBounds(thirdL, thirdT+height+gap, thirdW, height); add(opFirst);

opEconomy.setBounds(thirdL, thirdT+(height+gap)\*2, thirdW, height); add(opEconomy);

opBusiness.setBounds(thirdL, thirdT+(height+gap)\*3, thirdW, height); add(opBusiness);

buy.setBounds(thirdL, thirdT+(height+gap)\*4,thirdW, height+10); add(buy);

// Third Level right

int thirdRightL = 250;

Conformation.setBounds(thirdRightL+50, thirdT, thirdW, height);

add(Conformation);

txtConformation.setBounds(thirdRightL, thirdT+height,200,150);

add(txtConformation);

buy.addActionListener(this);

NumScroll.addAdjustmentListener(this);

}

@Override

public void actionPerformed(ActionEvent e) {

String name,phone,depart,arrive,type,Num,result;

// TODO Auto-generated method stub

depart = DTable.getSelectedItem();

arrive = ATable.getSelectedItem();

Num = txtNum.getText();

name = txtName.getText();

phone = txtPhone.getText();

type = new String();

if(opFirst .getState())

type = "First Class";

else if(opEconomy.getState())

type = "Economy Class";

else if(opBusiness.getState())

type = "Business Class";

result = "Name: " + name +"\n"

+ "Phone No: " + phone + "\n"

+ "Dept City: " + depart + "\n"

+ "Arrival City: " + arrive + "\n"

+ "No. of Tickets: " + Num + "\n"

+ "Tickets type: " + type;

txtConformation.setText(result);

}

@Override

public void adjustmentValueChanged(AdjustmentEvent e) {

// TODO Auto-generated method stub

if(e.getSource() == NumScroll)

txtNum.setText(Integer.toString(NumScroll.getValue()/20));

else

txtNum.setText("1");

}

@Override

public void itemStateChanged(ItemEvent e) {

// TODO Auto-generated method stub

}

}

Output:

