import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.swing.DefaultComboBoxModel;

import javax.swing.JComboBox;

import javax.swing.JOptionPane;

import javax.swing.JTable;

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*

\* bill.java

\*

\* Created on Oct 21, 2010, 4:31:34 PM

\*/

/\*\*

\*

\* @author dell

\*/

public class bill extends javax.swing.JFrame {

/\*\* Creates new form bill \*/

public bill() {

initComponents();

fillcombo();

}

void fillcombo()

{try{Class.forName("java.sql.Driver");

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/hospital","root","root");

Statement stmt=con.createStatement();

String sql;

sql= "select \* from patient";

ResultSet rst=stmt.executeQuery(sql);

DefaultComboBoxModel admno = (DefaultComboBoxModel) jComboBox1.getModel();

while(rst.next())

{ admno.addElement(rst.getString("admit\_no"));

}

rst.close();

stmt.close();

con.close();

}

catch(Exception e)

{JOptionPane.showMessageDialog(null,e.getMessage());}

}

/\*\* This method is called from within the constructor to

\* initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is

\* always regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

buttonGroup1 = new javax.swing.ButtonGroup();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

rbdeluxe = new javax.swing.JRadioButton();

rbsemideluxe = new javax.swing.JRadioButton();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

billnotf = new javax.swing.JTextField();

billdatetf = new javax.swing.JTextField();

jComboBox1 = new javax.swing.JComboBox();

roomtf = new javax.swing.JTextField();

noofdaystf = new javax.swing.JTextField();

foodtf = new javax.swing.JTextField();

jLabel8 = new javax.swing.JLabel();

totaltf = new javax.swing.JTextField();

savebutton = new javax.swing.JButton();

clearbutton = new javax.swing.JButton();

exitbutton = new javax.swing.JButton();

jLabel9 = new javax.swing.JLabel();

xraytf = new javax.swing.JTextField();

jLabel10 = new javax.swing.JLabel();

bloodtesttf = new javax.swing.JTextField();

jLabel11 = new javax.swing.JLabel();

sugartesttf = new javax.swing.JTextField();

jLabel12 = new javax.swing.JLabel();

ecgtf = new javax.swing.JTextField();

jLabel13 = new javax.swing.JLabel();

otherchargestf = new javax.swing.JTextField();

calculatebutton = new javax.swing.JButton();

jLabel14 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);

jLabel1.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel1.setText("Bill No.");

jLabel2.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel2.setText("Bill Date");

jLabel3.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel3.setText("Admit No.");

jLabel4.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel4.setText("Room/Ward Charges");

jLabel5.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel5.setText("No. of Days");

buttonGroup1.add(rbdeluxe);

rbdeluxe.setFont(new java.awt.Font("Gabriola", 1, 18));

rbdeluxe.setText("Deluxe");

rbdeluxe.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

rbdeluxeActionPerformed(evt);

}

});

buttonGroup1.add(rbsemideluxe);

rbsemideluxe.setFont(new java.awt.Font("Gabriola", 1, 18));

rbsemideluxe.setSelected(true);

rbsemideluxe.setText("Semi-Deluxe");

rbsemideluxe.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

rbsemideluxeActionPerformed(evt);

}

});

jLabel6.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel6.setText("Food");

jLabel7.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel7.setText("Charges:");

roomtf.setEditable(false);

jLabel8.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel8.setText("Total");

totaltf.setEditable(false);

savebutton.setFont(new java.awt.Font("Times New Roman", 1, 18));

savebutton.setText("Save");

savebutton.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

savebuttonActionPerformed(evt);

}

});

clearbutton.setFont(new java.awt.Font("Times New Roman", 1, 18));

clearbutton.setText("Clear");

clearbutton.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

clearbuttonActionPerformed(evt);

}

});

exitbutton.setFont(new java.awt.Font("Times New Roman", 1, 18));

exitbutton.setText("Exit");

exitbutton.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

exitbuttonActionPerformed(evt);

}

});

jLabel9.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel9.setText("X-Ray");

xraytf.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

xraytfActionPerformed(evt);

}

});

jLabel10.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel10.setText("Blood Test");

jLabel11.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel11.setText("Sugar Test");

jLabel12.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel12.setText("ECG");

jLabel13.setFont(new java.awt.Font("Gabriola", 1, 18));

jLabel13.setText("Other Charges");

calculatebutton.setFont(new java.awt.Font("Times New Roman", 1, 18));

calculatebutton.setText("Calculate");

calculatebutton.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

calculatebuttonActionPerformed(evt);

}

});

jLabel14.setFont(new java.awt.Font("Monotype Corsiva", 1, 24)); // NOI18N

jLabel14.setText("Patient Bill");

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(calculatebutton)

.addGap(34, 34, 34)

.addComponent(savebutton)

.addGap(31, 31, 31)

.addComponent(clearbutton)

.addGap(31, 31, 31)

.addComponent(exitbutton))

.addGroup(layout.createSequentialGroup()

.addGap(34, 34, 34)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel1)

.addComponent(jLabel3)

.addComponent(jLabel5)

.addComponent(jLabel6)

.addComponent(jLabel9)

.addComponent(jLabel10)

.addComponent(jLabel11)

.addComponent(jLabel12)

.addComponent(jLabel13)

.addComponent(jLabel8)

.addComponent(jLabel14, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGap(38, 38, 38)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addGroup(layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(layout.createSequentialGroup()

.addComponent(billnotf, javax.swing.GroupLayout.PREFERRED\_SIZE, 91, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(57, 57, 57)

.addComponent(jLabel2)

.addGap(18, 18, 18)

.addComponent(billdatetf, javax.swing.GroupLayout.PREFERRED\_SIZE, 128, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addComponent(foodtf)

.addComponent(xraytf)

.addComponent(bloodtesttf)

.addComponent(sugartesttf)

.addComponent(ecgtf)

.addComponent(otherchargestf)

.addComponent(totaltf, javax.swing.GroupLayout.DEFAULT\_SIZE, 235, Short.MAX\_VALUE)

.addComponent(roomtf)

.addComponent(noofdaystf, javax.swing.GroupLayout.DEFAULT\_SIZE, 184, Short.MAX\_VALUE)))

.addComponent(jLabel7))

.addGap(37, 37, 37)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(rbdeluxe)

.addComponent(rbsemideluxe))))

.addGap(35, 35, 35))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel14, javax.swing.GroupLayout.PREFERRED\_SIZE, 43, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(31, 31, 31)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1)

.addComponent(jLabel2)

.addComponent(billdatetf, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(billnotf, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(13, 13, 13)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 16, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jComboBox1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(jLabel7)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel5)

.addComponent(noofdaystf, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(rbdeluxe)

.addGap(15, 15, 15)))

.addGap(2, 2, 2)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4)

.addComponent(roomtf, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(rbsemideluxe))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel6)

.addComponent(foodtf, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel9)

.addComponent(xraytf, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel10)

.addComponent(bloodtesttf, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel11)

.addComponent(sugartesttf, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel12)

.addComponent(ecgtf, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel13)

.addComponent(otherchargestf, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jLabel8)

.addComponent(totaltf, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(37, 37, 37)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(calculatebutton)

.addComponent(savebutton)

.addComponent(clearbutton)

.addComponent(exitbutton))

.addGap(28, 28, 28))

);

pack();

}// </editor-fold>

private void rbsemideluxeActionPerformed(java.awt.event.ActionEvent evt) {

}

private void clearbuttonActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

billnotf.setText("");

billdatetf.setText("");

noofdaystf.setText("");

roomtf.setText("");

foodtf.setText("");

xraytf.setText("");

bloodtesttf.setText("");

sugartesttf.setText("");

ecgtf.setText("");

otherchargestf.setText("");

totaltf.setText("");

}

private void xraytfActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void calculatebuttonActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

int nodays=Integer.parseInt(noofdaystf.getText());

int food=Integer.parseInt(foodtf.getText());

int xray=Integer.parseInt(xraytf.getText());

int blood=Integer.parseInt(bloodtesttf.getText());

int sugar=Integer.parseInt(sugartesttf.getText());

int ecg=Integer.parseInt(ecgtf.getText());

int other=Integer.parseInt(otherchargestf.getText());

int room=0;

if (rbdeluxe.isSelected()==true)

{room=800;

}

else if (rbsemideluxe.isSelected()==true)

{room=500;

}

int roomcharge= nodays\*room;

roomtf.setText(roomcharge+"");

int total=roomcharge+food+xray+blood+sugar+ecg+other;

totaltf.setText(total+"");

}

private void exitbuttonActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

this.dispose();

}

private void savebuttonActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

try{Class.forName("java.sql.Driver");

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/hospital","root","root");

Statement stmt=con.createStatement();

int billno = Integer.parseInt(billnotf.getText());

String billdate = billdatetf.getText();

Object admno=jComboBox1.getSelectedItem();

int days = Integer.parseInt(noofdaystf.getText());

String room =roomtf.getText();

int food = Integer.parseInt(foodtf.getText());

int xray = Integer.parseInt(xraytf.getText());

int bloodtst = Integer.parseInt(bloodtesttf.getText());

int sugartst = Integer.parseInt(sugartesttf.getText());

int ecg = Integer.parseInt(ecgtf.getText());

int othrcharge = Integer.parseInt(otherchargestf.getText());

int total =Integer.parseInt(totaltf.getText());

String typroom="";

if(rbdeluxe.isSelected()==true)

typroom="deluxe";

else if(rbsemideluxe.isSelected()==true)

typroom="semi-deluxe";

String sql = "insert into bill values("+billno+",'"+billdate+"',"+admno+","+days+",'"+typroom+"',"+room+","+food+","+xray+","+bloodtst+","+sugartst+","+ecg+","+othrcharge+","+total+")";

stmt.executeUpdate(sql);

JOptionPane.showMessageDialog(null,"Record Saved");

stmt.close();

con.close();

}

catch(Exception e)

{JOptionPane.showMessageDialog(null,e.getMessage());}

}

private void rbdeluxeActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new bill().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTextField billdatetf;

private javax.swing.JTextField billnotf;

private javax.swing.JTextField bloodtesttf;

private javax.swing.ButtonGroup buttonGroup1;

private javax.swing.JButton calculatebutton;

private javax.swing.JButton clearbutton;

private javax.swing.JTextField ecgtf;

private javax.swing.JButton exitbutton;

private javax.swing.JTextField foodtf;

private javax.swing.JComboBox jComboBox1;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel11;

private javax.swing.JLabel jLabel12;

private javax.swing.JLabel jLabel13;

private javax.swing.JLabel jLabel14;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JTextField noofdaystf;

private javax.swing.JTextField otherchargestf;

private javax.swing.JRadioButton rbdeluxe;

private javax.swing.JRadioButton rbsemideluxe;

private javax.swing.JTextField roomtf;

private javax.swing.JButton savebutton;

private javax.swing.JTextField sugartesttf;

private javax.swing.JTextField totaltf;

private javax.swing.JTextField xraytf;

// End of variables declaration

}