import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

import java.sql.Statement;

import java.sql.ResultSet;

import javax.swing.JOptionPane;

public class Digital\_Home extends javax.swing.JFrame {

public Digital\_Home() {

initComponents();

}

@SuppressWarnings("unchecked")

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

private void initComponents() {

jTabbedPane1 = new javax.swing.JTabbedPane();

jDesktopPane1 = new javax.swing.JDesktopPane();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

s = new javax.swing.JTextField();

e = new javax.swing.JTextField();

apptype = new javax.swing.JComboBox<>();

jButton1 = new javax.swing.JButton();

total\_time = new javax.swing.JTextField();

jLabel13 = new javax.swing.JLabel();

eid = new javax.swing.JTextField();

jPanel4 = new javax.swing.JPanel();

addbutton = new javax.swing.JButton();

delete = new javax.swing.JButton();

del = new javax.swing.JTextField();

jLabel16 = new javax.swing.JLabel();

jLabel17 = new javax.swing.JLabel();

jPanel1 = new javax.swing.JPanel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

p = new javax.swing.JTextField();

f = new javax.swing.JComboBox<>();

jLabel6 = new javax.swing.JLabel();

c = new javax.swing.JTextField();

jButton2 = new javax.swing.JButton();

addcal = new javax.swing.JButton();

deletecaldata = new javax.swing.JButton();

jLabel14 = new javax.swing.JLabel();

id = new javax.swing.JTextField();

delid = new javax.swing.JTextField();

jLabel19 = new javax.swing.JLabel();

jPanel2 = new javax.swing.JPanel();

jLabel7 = new javax.swing.JLabel();

rou = new javax.swing.JComboBox<>();

jLabel12 = new javax.swing.JLabel();

set = new javax.swing.JTextField();

jButton3 = new javax.swing.JButton();

totcal = new javax.swing.JTextField();

jPanel3 = new javax.swing.JPanel();

jLabel9 = new javax.swing.JLabel();

jScrollPane1 = new javax.swing.JScrollPane();

jTextArea1 = new javax.swing.JTextArea();

jLabel10 = new javax.swing.JLabel();

jScrollPane2 = new javax.swing.JScrollPane();

jTextArea2 = new javax.swing.JTextArea();

jLabel11 = new javax.swing.JLabel();

jScrollPane3 = new javax.swing.JScrollPane();

jTextArea3 = new javax.swing.JTextArea();

jLabel8 = new javax.swing.JLabel();

addroutine = new javax.swing.JButton();

jButton7 = new javax.swing.JButton();

jLabel15 = new javax.swing.JLabel();

exerid = new javax.swing.JTextField();

delidd = new javax.swing.JTextField();

jLabel18 = new javax.swing.JLabel();

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

jDesktopPane1.setBackground(new java.awt.Color(204, 204, 204));

jDesktopPane1.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(255, 255, 0), 3, true));

jDesktopPane1.setForeground(new java.awt.Color(102, 255, 153));

jDesktopPane1.setVerifyInputWhenFocusTarget(false);

jLabel1.setText("Which app have you used");

jLabel1.setBorder(javax.swing.BorderFactory.createEtchedBorder());

jLabel2.setText("Start time:");

jLabel2.setBorder(javax.swing.BorderFactory.createEtchedBorder());

jLabel3.setText("End time:");

jLabel3.setBorder(javax.swing.BorderFactory.createEtchedBorder());

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

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

sActionPerformed(evt);

}

});

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

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

eActionPerformed(evt);

}

});

apptype.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "-", "Instagram", "WhatsApp", "Facebook", "Youtube", "Netflix", "Amazon prime", "E-shopping", "Pintrest" }));

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

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

apptypeActionPerformed(evt);

}

});

jButton1.setText("calculate total time");

jButton1.addActionListener(new java.awt.event.ActionListener() {

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

jButton1ActionPerformed(evt);

}

});

total\_time.setDisabledTextColor(new java.awt.Color(0, 51, 102));

total\_time.addActionListener(new java.awt.event.ActionListener() {

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

total\_timeActionPerformed(evt);

}

});

jLabel13.setText(" Electronicsid ");

jLabel13.setBorder(javax.swing.BorderFactory.createEtchedBorder());

addbutton.setText("Add");

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

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

addbuttonActionPerformed(evt);

}

});

delete.setText("Delete");

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

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

deleteActionPerformed(evt);

}

});

jLabel16.setText("enter electronics id");

javax.swing.GroupLayout jPanel4Layout = new javax.swing.GroupLayout(jPanel4);

jPanel4.setLayout(jPanel4Layout);

jPanel4Layout.setHorizontalGroup(

jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel4Layout.createSequentialGroup()

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

.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel4Layout.createSequentialGroup()

.addComponent(addbutton)

.addGap(65, 65, 65)

.addComponent(delete)

.addGap(18, 18, 18)

.addComponent(del, javax.swing.GroupLayout.PREFERRED\_SIZE, 63, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(60, 60, 60))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel4Layout.createSequentialGroup()

.addComponent(jLabel16)

.addGap(46, 46, 46))))

);

jPanel4Layout.setVerticalGroup(

jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel4Layout.createSequentialGroup()

.addGap(21, 21, 21)

.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(delete)

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

.addComponent(addbutton))

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

.addComponent(jLabel16)

.addContainerGap(23, Short.MAX\_VALUE))

);

jLabel17.setText("The total time you spent is:");

jDesktopPane1.setLayer(jLabel1, javax.swing.JLayeredPane.DEFAULT\_LAYER);

jDesktopPane1.setLayer(jLabel2, javax.swing.JLayeredPane.DEFAULT\_LAYER);

jDesktopPane1.setLayer(jLabel3, javax.swing.JLayeredPane.DEFAULT\_LAYER);

jDesktopPane1.setLayer(s, javax.swing.JLayeredPane.DEFAULT\_LAYER);

jDesktopPane1.setLayer(e, javax.swing.JLayeredPane.DEFAULT\_LAYER);

jDesktopPane1.setLayer(apptype, javax.swing.JLayeredPane.DEFAULT\_LAYER);

jDesktopPane1.setLayer(jButton1, javax.swing.JLayeredPane.DEFAULT\_LAYER);

jDesktopPane1.setLayer(total\_time, javax.swing.JLayeredPane.DEFAULT\_LAYER);

jDesktopPane1.setLayer(jLabel13, javax.swing.JLayeredPane.DEFAULT\_LAYER);

jDesktopPane1.setLayer(eid, javax.swing.JLayeredPane.DEFAULT\_LAYER);

jDesktopPane1.setLayer(jPanel4, javax.swing.JLayeredPane.DEFAULT\_LAYER);

jDesktopPane1.setLayer(jLabel17, javax.swing.JLayeredPane.DEFAULT\_LAYER);

javax.swing.GroupLayout jDesktopPane1Layout = new javax.swing.GroupLayout(jDesktopPane1);

jDesktopPane1.setLayout(jDesktopPane1Layout);

jDesktopPane1Layout.setHorizontalGroup(

jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jDesktopPane1Layout.createSequentialGroup()

.addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jDesktopPane1Layout.createSequentialGroup()

.addContainerGap(184, Short.MAX\_VALUE)

.addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel1)

.addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED\_SIZE, 104, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(48, 48, 48)

.addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(eid, javax.swing.GroupLayout.PREFERRED\_SIZE, 74, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGroup(jDesktopPane1Layout.createSequentialGroup()

.addGap(50, 50, 50)

.addComponent(jLabel2)

.addGap(27, 27, 27)

.addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jDesktopPane1Layout.createSequentialGroup()

.addComponent(jPanel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 309, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 20, Short.MAX\_VALUE))

.addGroup(jDesktopPane1Layout.createSequentialGroup()

.addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(jDesktopPane1Layout.createSequentialGroup()

.addComponent(jLabel17)

.addGap(39, 39, 39)

.addComponent(total\_time, javax.swing.GroupLayout.PREFERRED\_SIZE, 88, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(0, 0, Short.MAX\_VALUE))

.addGroup(jDesktopPane1Layout.createSequentialGroup()

.addComponent(s, javax.swing.GroupLayout.PREFERRED\_SIZE, 65, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel3)))

.addGap(49, 49, 49)))))

.addComponent(e, javax.swing.GroupLayout.PREFERRED\_SIZE, 65, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(45, 45, 45))

.addGroup(jDesktopPane1Layout.createSequentialGroup()

.addGap(217, 217, 217)

.addComponent(jButton1)

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

);

jDesktopPane1Layout.setVerticalGroup(

jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jDesktopPane1Layout.createSequentialGroup()

.addGap(52, 52, 52)

.addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED\_SIZE, 28, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(eid, javax.swing.GroupLayout.PREFERRED\_SIZE, 28, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(34, 34, 34)

.addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1)

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

.addGap(52, 52, 52)

.addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2)

.addComponent(s, javax.swing.GroupLayout.PREFERRED\_SIZE, 27, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel3)

.addComponent(e, javax.swing.GroupLayout.PREFERRED\_SIZE, 29, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 18, Short.MAX\_VALUE)

.addComponent(jButton1)

.addGap(18, 18, 18)

.addGroup(jDesktopPane1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(total\_time, javax.swing.GroupLayout.PREFERRED\_SIZE, 23, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel17))

.addGap(18, 18, 18)

.addComponent(jPanel4, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(20, 20, 20))

);

s.getAccessibleContext().setAccessibleName("st");

e.getAccessibleContext().setAccessibleName("et");

total\_time.getAccessibleContext().setAccessibleName("total\_time");

jTabbedPane1.addTab("Electronics", jDesktopPane1);

jPanel1.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(255, 51, 102), 2, true));

jPanel1.setForeground(new java.awt.Color(0, 255, 204));

jLabel4.setText("What food did you eat?");

jLabel5.setText("How many portions did you eat?");

f.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "---", "Hmburger", "Beef bowl", "French fries", "Sambar rice", "Roti", "Pizza", "Corn", " " }));

jLabel6.setText("The number of calories you ate are:");

jButton2.setText("Calculate calories");

jButton2.addActionListener(new java.awt.event.ActionListener() {

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

jButton2ActionPerformed(evt);

}

});

addcal.setText("Add");

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

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

addcalActionPerformed(evt);

}

});

deletecaldata.setText("delete");

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

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

deletecaldataActionPerformed(evt);

}

});

jLabel14.setText("foodid");

jLabel19.setText("Enter the foodid of the record you wish to delete:");

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(154, 154, 154)

.addComponent(jButton2))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(59, 59, 59)

.addComponent(jLabel14)

.addGap(70, 70, 70)

.addComponent(id, javax.swing.GroupLayout.PREFERRED\_SIZE, 56, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(29, 29, 29)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel5)

.addGap(45, 45, 45)

.addComponent(p, javax.swing.GroupLayout.PREFERRED\_SIZE, 83, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel6)

.addGap(57, 57, 57)

.addComponent(c, javax.swing.GroupLayout.PREFERRED\_SIZE, 83, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel4)

.addGap(78, 78, 78)

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(57, 57, 57)

.addComponent(jLabel19)

.addGap(30, 30, 30)

.addComponent(delid, javax.swing.GroupLayout.PREFERRED\_SIZE, 58, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(67, 67, 67)

.addComponent(deletecaldata))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(72, 72, 72)

.addComponent(addcal)))

.addContainerGap(189, Short.MAX\_VALUE))

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel14)

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

.addGap(21, 21, 21)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4)

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

.addGap(32, 32, 32)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel5)

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

.addGap(18, 18, 18)

.addComponent(jButton2)

.addGap(32, 32, 32)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel6)

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

.addGap(40, 40, 40)

.addComponent(addcal)

.addGap(26, 26, 26)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

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

.addComponent(jLabel19))

.addGap(18, 18, 18)

.addComponent(deletecaldata)

.addContainerGap(50, Short.MAX\_VALUE))

);

jTabbedPane1.addTab("Food", jPanel1);

jPanel2.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(102, 51, 255), 3, true));

jPanel2.setForeground(new java.awt.Color(102, 102, 255));

jLabel7.setText("Which routine did you do today?");

rou.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "---", "Routine 1", "Routine 2", "Routine 3" }));

jLabel12.setText("How many sets of the routines?");

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

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

setActionPerformed(evt);

}

});

jButton3.setText("Total Calories burnt");

jButton3.addActionListener(new java.awt.event.ActionListener() {

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

jButton3ActionPerformed(evt);

}

});

jPanel3.setBackground(new java.awt.Color(0, 204, 204));

jPanel3.setBorder(javax.swing.BorderFactory.createEtchedBorder());

jLabel9.setText("Routine 1");

jScrollPane1.setHorizontalScrollBarPolicy(javax.swing.ScrollPaneConstants.HORIZONTAL\_SCROLLBAR\_NEVER);

jScrollPane1.setVerticalScrollBarPolicy(javax.swing.ScrollPaneConstants.VERTICAL\_SCROLLBAR\_NEVER);

jTextArea1.setColumns(20);

jTextArea1.setRows(5);

jTextArea1.setText("1. Lunges\n2. Push-ups\n3. Squats\n");

jScrollPane1.setViewportView(jTextArea1);

jLabel10.setText("Routine 2");

jTextArea2.setColumns(20);

jTextArea2.setRows(5);

jTextArea2.setText("1. Standing overhead dumbbell presses\n2. Dumbbell rows\n3. Single-leg deadlifts");

jTextArea2.setCursor(new java.awt.Cursor(java.awt.Cursor.TEXT\_CURSOR));

jScrollPane2.setViewportView(jTextArea2);

jLabel11.setText("Routine 3");

jTextArea3.setColumns(20);

jTextArea3.setRows(5);

jTextArea3.setText("1. Burpees\n2. Side planks\n3. Planks");

jScrollPane3.setViewportView(jTextArea3);

jLabel8.setText("Workout routines:");

javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);

jPanel3.setLayout(jPanel3Layout);

jPanel3Layout.setHorizontalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel8))

.addGroup(jPanel3Layout.createSequentialGroup()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup()

.addGap(34, 34, 34)

.addComponent(jLabel9))

.addGroup(jPanel3Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 94, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup()

.addGap(45, 45, 45)

.addComponent(jScrollPane3, javax.swing.GroupLayout.PREFERRED\_SIZE, 92, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(41, 41, 41)

.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED\_SIZE, 97, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel3Layout.createSequentialGroup()

.addGap(68, 68, 68)

.addComponent(jLabel10)

.addGap(98, 98, 98)

.addComponent(jLabel11)))))

.addContainerGap(83, Short.MAX\_VALUE))

);

jPanel3Layout.setVerticalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel8)

.addGap(12, 12, 12)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel10)

.addComponent(jLabel9))

.addComponent(jLabel11))

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

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jScrollPane3)

.addComponent(jScrollPane1))

.addGap(80, 80, 80))

);

addroutine.setText("add");

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

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

addroutineActionPerformed(evt);

}

});

jButton7.setText("delete");

jButton7.addActionListener(new java.awt.event.ActionListener() {

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

jButton7ActionPerformed(evt);

}

});

jLabel15.setText("exercise ID:");

jLabel18.setText("The total calories you burnt are:");

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(36, 36, 36)

.addComponent(jLabel12)

.addGap(18, 18, 18)

.addComponent(set, javax.swing.GroupLayout.PREFERRED\_SIZE, 92, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(98, 98, 98)

.addComponent(jButton3)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(addroutine)

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(jButton7)

.addGap(18, 18, 18)

.addComponent(delidd, javax.swing.GroupLayout.PREFERRED\_SIZE, 73, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(31, 31, 31))

.addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(20, 20, 20)

.addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel7))

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(59, 59, 59)

.addComponent(jLabel15)))

.addGap(105, 105, 105)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(rou, 0, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(exerid)))

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(49, 49, 49)

.addComponent(jLabel18)

.addGap(40, 40, 40)

.addComponent(totcal, javax.swing.GroupLayout.PREFERRED\_SIZE, 92, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(85, Short.MAX\_VALUE))

);

jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(26, 26, 26)

.addComponent(jLabel15))

.addGroup(jPanel2Layout.createSequentialGroup()

.addContainerGap()

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

.addGap(18, 18, 18)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel7)

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

.addGap(18, 18, 18)

.addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 188, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(12, 12, 12)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(set, javax.swing.GroupLayout.PREFERRED\_SIZE, 20, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel12)

.addComponent(addroutine))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 14, Short.MAX\_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jButton3)

.addComponent(jButton7)

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

.addGap(23, 23, 23)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel18)

.addComponent(totcal, javax.swing.GroupLayout.PREFERRED\_SIZE, 23, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(20, 20, 20))

);

jTabbedPane1.addTab("Exercise", jPanel2);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jTabbedPane1))

);

layout.setVerticalGroup(

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

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

.addContainerGap()

.addComponent(jTabbedPane1))

);

jTabbedPane1.getAccessibleContext().setAccessibleName("Electronics");

pack();

}// </editor-fold>

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

}

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

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

int total;

String a= s.getText();

int st = Integer.parseInt(a);

String b= e.getText();

int et = Integer.parseInt(b);

total = et-st;

total\_time.setText("" + total);

if(total>200)

{

JOptionPane.showMessageDialog(null, "You have used the app for more than 2 hours...!!!");

}

else

{

JOptionPane.showMessageDialog(null, "You can continue using this app, or you can switch to another app...");

}

}

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

}

private void total\_timeActionPerformed(java.awt.event.ActionEvent evt) {

}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

String x= p.getText();

int cc = Integer.parseInt(x);

int calories = 0;

if (f.getSelectedItem() == "Hamburger") {

calories = cc\*2300;

c.setText(""+ (calories));

}

else if (f.getSelectedItem() == "Beef bowl") {

calories = cc\*1100;

c.setText(""+ (calories));

}

else if (f.getSelectedItem() == "French fries") {

calories = cc\*2100;

c.setText(""+ (calories));

}

else if (f.getSelectedItem() == "Sambar rice") {

calories = cc\*120;

c.setText(""+ (calories));

}

else if (f.getSelectedItem() == "Roti") {

calories = cc\*20;

c.setText(""+ (calories));

}

else if (f.getSelectedItem() == "Pizza") {

calories = cc\*3200;

c.setText(""+ (calories));

}

else if (f.getSelectedItem() == "Corn") {

calories = cc\*10;

c.setText(""+ (calories));

}

else{

}

if(calories>2000)

{

JOptionPane.showMessageDialog(null, "Your food intake contains more than 2000 calories...!!! ");

}

}

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

}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

String y= set.getText();

int cc = Integer.parseInt(y);

int calories;

if (rou.getSelectedItem() == "Routine 1") {

calories = cc\*2300;

totcal.setText(""+ (calories));

}

else if (rou.getSelectedItem() == "Routine 2") {

calories = cc\*1100;

totcal.setText(""+ (calories));

}

else if (rou.getSelectedItem() == "Routine 3") {

calories = cc\*2100;

totcal.setText(""+ (calories));

}

else{

}

// TODO add your handling code here:

}

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

try {

Class.forName("com.mysql.cj.jdbc.Driver");

try ( // establish connection

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/user", "root", "root"); Statement statement = con.createStatement())

{

String strSQL;

strSQL = "INSERT INTO user.exercise VALUES(" + exerid.getText() + ",'" + rou.getSelectedItem() + "'," + set.getText() + "," + totcal.getText() + ")";

statement.executeUpdate(strSQL);

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

}

} catch (SQLException | ClassNotFoundException ef) {

JOptionPane.showMessageDialog(null, ef);

} // TODO add your handling code here:

}

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

try {

Class.forName("com.mysql.cj.jdbc.Driver");

try (

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/user", "root", "root"); Statement statement = con.createStatement())

{

String strSQL;

strSQL = "INSERT INTO user.electronics (idElectronics, apptype, start\_time, end\_time, total\_time) VALUES(" + eid.getText() + ",'" + apptype.getSelectedItem() + "'," + s.getText() + "," + e.getText() + "," + total\_time.getText() + ")";

statement.executeUpdate(strSQL);

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

}

} catch (SQLException | ClassNotFoundException ef) {

JOptionPane.showMessageDialog(null, ef);

}

}

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

try {

Class.forName("com.mysql.cj.jdbc.Driver");

try (

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/user", "root", "root"); Statement statement = con.createStatement()) {

statement.executeUpdate("DELETE FROM user.electronics WHERE idElectronics= " + del.getText() + " ");

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

}

} catch (SQLException | ClassNotFoundException ef) {

JOptionPane.showMessageDialog(null, ef);

}

}

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

try {

Class.forName("com.mysql.cj.jdbc.Driver");

try (

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/user", "root", "root"); Statement statement = con.createStatement())

{

String strSQL;

strSQL = "INSERT INTO user.foodcal VALUES(" + id.getText() + ",'" + f.getSelectedItem() + "'," + p.getText() + "," + c.getText() + ")";

statement.executeUpdate(strSQL);

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

}

} catch (SQLException | ClassNotFoundException ef) {

JOptionPane.showMessageDialog(null, ef);

}

}

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

try {

Class.forName("com.mysql.cj.jdbc.Driver");

try ( // establish connection

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/user", "root", "root"); Statement statement = con.createStatement()) {

statement.executeUpdate("DELETE FROM user.foodcal WHERE foodid= " + delid.getText() + " ");

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

}

} catch (SQLException | ClassNotFoundException ef) {

JOptionPane.showMessageDialog(null, ef);

} }

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {

try {

Class.forName("com.mysql.cj.jdbc.Driver");

try (

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/user", "root", "root"); Statement statement = con.createStatement()) {

statement.executeUpdate("DELETE FROM user.exercise WHERE exerid= " + delidd.getText() + " ");

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

}

} catch (SQLException | ClassNotFoundException ef) {

JOptionPane.showMessageDialog(null, ef);

}

}

public static void main(String args[]) {

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

public void run() {

new Digital\_Home().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton addbutton;

private javax.swing.JButton addcal;

private javax.swing.JButton addroutine;

private javax.swing.JComboBox<String> apptype;

private javax.swing.JTextField c;

private javax.swing.JTextField del;

private javax.swing.JButton delete;

private javax.swing.JButton deletecaldata;

private javax.swing.JTextField delid;

private javax.swing.JTextField delidd;

private javax.swing.JTextField e;

private javax.swing.JTextField eid;

private javax.swing.JTextField exerid;

private javax.swing.JComboBox<String> f;

private javax.swing.JTextField id;

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JButton jButton7;

private javax.swing.JDesktopPane jDesktopPane1;

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 jLabel15;

private javax.swing.JLabel jLabel16;

private javax.swing.JLabel jLabel17;

private javax.swing.JLabel jLabel18;

private javax.swing.JLabel jLabel19;

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.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

private javax.swing.JPanel jPanel3;

private javax.swing.JPanel jPanel4;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JScrollPane jScrollPane2;

private javax.swing.JScrollPane jScrollPane3;

private javax.swing.JTabbedPane jTabbedPane1;

private javax.swing.JTextArea jTextArea1;

private javax.swing.JTextArea jTextArea2;

private javax.swing.JTextArea jTextArea3;

private javax.swing.JTextField p;

private javax.swing.JComboBox<String> rou;

private javax.swing.JTextField s;

private javax.swing.JTextField set;

private javax.swing.JTextField total\_time;

private javax.swing.JTextField totcal;

// End of variables declaration

private void elif() {

throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.

}

}