import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import java.util.logging.Level;

import java.util.logging.Logger;

public class NewJFrame extends javax.swing.JFrame {

private String mode;

double bmr;

public NewJFrame() {

initComponents();

}

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

// TODO add your handling code here:

}

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

Connection con;

PreparedStatement ps;

try {

Class.forName("org.apache.derby.jdbc.ClientDriver");

} catch (ClassNotFoundException ex) {

Logger.getLogger(NewJFrame.class.getName()).log(Level.SEVERE, null, ex);

}

try {

con=DriverManager.getConnection("jdbc:derby://localhost:1527/Project","siddhesh","sid");

} catch (SQLException ex) {

Logger.getLogger(NewJFrame.class.getName()).log(Level.SEVERE, null, ex);

}

double age, height, weight;

{

age = Double.parseDouble(Age.getText());

height = Double.parseDouble(Height.getText());

weight = Double.parseDouble(Weight.getText());

//Calculate BMR for Male

bmr = (655 + (9.6 \* weight) + (1.8 \* height) - (4.7 \* age));

String result=Double.toString(bmr);

Result1.setText(" Calories need to be Functioning : " +result);

}

}

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

// TODO add your handling code here:

}

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

// TODO add your handling code here:

}

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

Age.setText("");

Height.setText("");

Weight.setText("");

Result1.setText("");

}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {

double age, height, weight;

{

age = Double.parseDouble(Age.getText());

height = Double.parseDouble(Height.getText());

weight = Double.parseDouble(Weight.getText());

//Calculate BMR for Female

bmr = (66 + (13.7 \* weight) + (5 \* height) - (6.8 \* age));

String result=Double.toString(bmr);

Result1.setText(" Calories need to be Functioning : " +result);

}

}

private void tdee3ActionPerformed(java.awt.event.ActionEvent evt) {

//Calculate TDEE for Activity Level 03

double TDEE;

double gain;

double loose;

TDEE = (1.55 \* bmr);

String re=Double.toString(TDEE);

Result2.setText(" The Calories to maintain your weight : " +re);

gain = (TDEE + 350);

String re2 = Double.toString(gain);

Result3.setText(" Calories to Gain Weight : " +re2);

loose = (TDEE - 250);

String re3 = Double.toString(loose);

Result4.setText(" Calories to Loose Weight : " +re3);

}

private void tdee1ActionPerformed(java.awt.event.ActionEvent evt) {

//Calculate TDEE for Activity Level 01

double TDEE;

double gain;

double loose;

TDEE = (1.2 \* bmr);

String re=Double.toString(TDEE);

Result2.setText(" The Calories to maintain your weight : " +re);

gain = (TDEE + 350);

String re2 = Double.toString(gain);

Result3.setText(" Calories to Gain Weight : " +re2);

loose = (TDEE - 250);

String re3 = Double.toString(loose);

Result4.setText(" Calories to Loose Weight : " +re3);

}

private void tdee2ActionPerformed(java.awt.event.ActionEvent evt) {

//Calculate TDEE for Activity Level 02

double TDEE;

double gain;

double loose;

TDEE = (1.375 \* bmr);

String re=Double.toString(TDEE);

Result2.setText(" The Calories to maintain your weight : " +re);

gain = (TDEE + 350);

String re2 = Double.toString(gain);

Result3.setText(" Calories to Gain Weight : " +re2);

loose = (TDEE - 250);

String re3 = Double.toString(loose);

Result4.setText(" Calories to Loose Weight : " +re3);

}

private void tdee4ActionPerformed(java.awt.event.ActionEvent evt) {

//Calculate TDEE for Activity Level 04

double TDEE;

double gain;

double loose;

TDEE = (1.75 \* bmr);

String re=Double.toString(TDEE);

Result2.setText(" The Calories to maintain your weight :" +re);

gain = (TDEE + 350);

String re2 = Double.toString(gain);

Result3.setText(" Calories to Gain Weight : " +re2);

loose = (TDEE - 250);

String re3 = Double.toString(loose);

Result4.setText(" Calories to Loose Weight : " +re3);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(NewJFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(NewJFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(NewJFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(NewJFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

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

public void run() {

new NewJFrame().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTextField Age;

private javax.swing.JTextField Height;

private javax.swing.JLabel Result1;

private javax.swing.JLabel Result2;

private javax.swing.JLabel Result3;

private javax.swing.JLabel Result4;

private javax.swing.JTextField Weight;

private javax.swing.ButtonGroup buttonGroup1;

private javax.swing.ButtonGroup buttonGroup2;

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton3;

private javax.swing.JButton jButton4;

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.JButton tdee1;

private javax.swing.JButton tdee2;

private javax.swing.JButton tdee3;

private javax.swing.JButton tdee4;

// End of variables declaration

}