

Appendix B

login.java:

```
/*
```

```
 * To change this license header, choose License Headers in Project Properties.
```

```
 * To change this template file, choose Tools | Templates
```

```
 * and open the template in the editor.
```

```
*/
```

```
package gym;
```

```
import javax.swing.JOptionPane;
```

```
/**
```

```
 *
```

```
 * @author nafiz
```

```
*/
```

```
public class login extends javax.swing.JFrame {
```

```
/**
```

```
 * Creates new form login
```

```
 */
```

```
public login() {
```

```
    initComponents();
```

```
}
```

```
/**
```

```
 * 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() {
```

```
jPanel1 = new javax.swing.JPanel();
```

```
jLabel1 = new javax.swing.JLabel();
```

```
jPanel2 = new javax.swing.JPanel();
```

```
jLabel2 = new javax.swing.JLabel();
```

```
jLabel3 = new javax.swing.JLabel();
```

```
usernameText = new javax.swing.JTextField();
```

```
passwordText = new javax.swing.JPasswordField();
```

```
jButton1 = new javax.swing.JButton();
```

```
jButton2 = new javax.swing.JButton();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

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

```
jPanel1.setBackground(new java.awt.Color(0, 153, 153));
```

```
jLabel1.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N
```

```

jLabel1.setForeground(new java.awt.Color(255, 255, 255));

jLabel1.setText("Gym Management System");


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(76, 76, 76)

                    .addComponent(jLabel1)

                    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,

Short.MAX_VALUE))

                .addGap(10, 10, 10))

            .addContainerGap(10, true))

        );

jPanel1Layout.setVerticalGroup(

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

        .addGroup(jPanel1Layout.createSequentialGroup()

            .addContainerGap()

            .addContainerGap(10, 10, 10)

            .add(jLabel1)

            .addContainerGap(10, 10, 10)

            .addContainerGap())

        );

```

```
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
jPanel1Layout.createSequentialGroup()
```

```
        .addContainerGap(44, Short.MAX_VALUE)
```

```
        .addComponent(jLabel1)
```

```
        .addGap(42, 42, 42))
```

```
    );
```

```
jPanel2.setBackground(new java.awt.Color(0, 204, 204));
```

```
jLabel2.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
```

```
jLabel2.setText("Username");
```

```
jLabel3.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
```

```
jLabel3.setText("Password");
```

```
passwordText.addActionListener(new java.awt.event.ActionListener() {
```

```
public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
    passwordTextActionPerformed(evt);  
  
}  
  
});
```

```
jButton1.setText("Cancel");  
  
jButton1.addActionListener(new java.awt.event.ActionListener() {  
  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
        jButton1ActionPerformed(evt);  
  
    }  
  
});
```

```
jButton2.setText("Sign in");  
  
jButton2.setBorder(null);  
  
jButton2.addActionListener(new java.awt.event.ActionListener() {  
  
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```
jButton2ActionPerformed(evt);  
  
}  
  
});
```

```
javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);  
  
jPanel2.setLayout(jPanel2Layout);  
  
jPanel2Layout.setHorizontalGroup(  
  
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
.addGroup(jPanel2Layout.createSequentialGroup()  
  
.addGap(66, 66, 66)  
  
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
EADING)  
  
.addComponent(usernameText, javax.swing.GroupLayout.PREFERRED_SIZE,  
299, javax.swing.GroupLayout.PREFERRED_SIZE)  
  
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.  
TRAILING)  
  
.addGroup(jPanel2Layout.createSequentialGroup()
```

```

        .addComponent(jLabel2)

        .addGap(238, 238, 238))

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

        .addComponent(jLabel3)

        .addComponent(passwordText,
        javax.swing.GroupLayout.PREFERRED_SIZE, 299,
        javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGroup(jPanel2Layout.createSequentialGroup()

        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
        228, javax.swing.GroupLayout.PREFERRED_SIZE)

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

        .addComponent(jButton1))))

        .addContainerGap(80, Short.MAX_VALUE))

    );

    jPanel2Layout.setVerticalGroup(

```



```

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

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(38, 38, 38)

.addComponent(jLabel2)

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

.addComponent(usernameText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(18, 18, 18)

.addComponent(jLabel3)

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

.addComponent(passwordText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(28, 28, 28)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.B
ASELINE)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED_SIZE)

```

```
.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 34,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addContainerGap(61, Short.MAX_VALUE))
```

```
);
```

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

```
getContentPane().setLayout(layout);
```

```
layout.setHorizontalGroup(  

```

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

```
        .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
        .addComponent(jPanel2, javax.swing.GroupLayout.Alignment.TRAILING,  
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE)
```

```
);
```

```
layout.setVerticalGroup(  

```

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

```

        .addGroup(layout.createSequentialGroup()

            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

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

            .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

        );

    pack();

    setLocationRelativeTo(null);

} // </editor-fold>

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

    // TODO add your handling code here:

}

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

```

```
// TODO add your handling code here:
```

```
String uname = usernameText.getText();
```

```
String pass = passwordText.getText();
```

```
if(uname.isEmpty() && pass.isEmpty())
```

```
{
```

```
    JOptionPane.showMessageDialog(this, "Username or Password is Blank");
```

```
}
```

```
else if(uname.equals("admin") && pass.equals("123"))
```

```
{
```

```
    Main m = new Main();
```

```
    this.hide();
```

```
    m.setVisible(true);
```

```
}
```

```
else
```

```

{

    JOptionPane.showMessageDialog(this, "Invalid Username or Password");

}

}

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

    // TODO add your handling code here:

    System.exit(0);

}

/**

 * @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(login.class.getName()).log(java.util.logging.Level.SEVERE,  
null, ex);
```

```
    } catch (InstantiationException ex) {
```

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

```
    } catch (IllegalAccessException ex) {
```

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

```
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(login.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 login().setVisible(true);

    }

});

}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JButton jButton1;
```

```
private javax.swing.JButton jButton2;
```

```
private javax.swing.JLabel jLabel1;
```

```
private javax.swing.JLabel jLabel2;
```

```
private javax.swing.JLabel jLabel3;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JPanel jPanel2;
```



```
private javax.swing.JPasswordField passwordText;  
  
private javax.swing.JTextField usernameText;  
  
// End of variables declaration  
  
}
```

Main.java:

```
/*
```

```
* To change this license header, choose License Headers in Project Properties.
```

```
* To change this template file, choose Tools | Templates
```

```
* and open the template in the editor.
```

```
*/
```

```
package gym;
```

```
/**
```

```
*
```

```
* @author nafiz
```

```
*/
```

```
public class Main extends javax.swing.JFrame {
```

```
/**
```

```
* Creates new form Main
```

```

*/

public Main() {

    initComponents();

}

/**

* 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() {

    jPanel1 = new javax.swing.JPanel();

    jLabel1 = new javax.swing.JLabel();

```

```
jPanel2 = new javax.swing.JPanel();
```

```
jButton1 = new javax.swing.JButton();
```

```
jButton2 = new javax.swing.JButton();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

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

```
jPanel1.setBackground(new java.awt.Color(0, 153, 153));
```

```
jLabel1.setBackground(new java.awt.Color(255, 255, 255));
```

```
jLabel1.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N
```

```
jLabel1.setForeground(new java.awt.Color(255, 255, 255));
```

```
jLabel1.setText("Gym Management System");
```

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

```
jPanel1.setLayout(jPanel1Layout);
```

```

jPanel1Layout.setHorizontalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(68, 68, 68)

.addComponent(jLabel1)

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))

);

jPanel1Layout.setVerticalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup())

.addGap(41, 41, 41)

.addComponent(jLabel1)

.addContainerGap(45, Short.MAX_VALUE))

);

```

```

jPanel2.setBackground(new java.awt.Color(0, 204, 204));

jPanel2.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED));


jButton1.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jButton1.setText("Add Trainer");

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

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

        jButton1ActionPerformed(evt);

    }

});


jButton2.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jButton2.setText("Add Member");

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

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

```

```
jButton2ActionPerformed(evt);  
  
}  
  
});
```

```
javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);  
  
jPanel2.setLayout(jPanel2Layout);  
  
jPanel2Layout.setHorizontalGroup(  
  
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
        .addGroup(jPanel2Layout.createSequentialGroup()  
  
            .addGap(118, 118, 118)  
  
            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)  
  
                .addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE, 158,  
Short.MAX_VALUE)  
  
                .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))  
  
            .addGap(142, Short.MAX_VALUE))
```

```

);

jPanel2Layout.setVerticalGroup(

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

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(50, 50, 50)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 60,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(61, 61, 61)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 60,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap(99, Short.MAX_VALUE))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

```



```

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

            .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

            .addGroup(layout.createSequentialGroup())

                .addContainerGap()

                .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))

        );

        layout.setVerticalGroup(

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

                .addGroup(layout.createSequentialGroup())

                    .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

                    .addGap(18, 18, 18)

```

```
        .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
        .addContainerGap())
```

```
    );
```

```
    pack();
```

```
    setLocationRelativeTo(null);
```

```
}// </editor-fold>
```

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

```
    // TODO add your handling code here:
```

```
    Member t = new Member();
```

```
    t.setVisible(true);
```

```
}
```

```

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

    // TODO add your handling code here:


    Trainer t = new Trainer();

    t.setVisible(true);

}

/**

 * @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(Main.class.getName()).log(java.util.logging.Level.SEVERE,
        null, ex);

    } catch (InstantiationException ex) {

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

```

```
    } catch (IllegalAccessException ex) {
```

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

```
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(Main.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 Main().setVisible(true);
```

```
    }
```

```
});
```

```
}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

// End of variables declaration

}
```

Trainer.java:

```
/*
```

```
 * To change this license header, choose License Headers in Project Properties.
```

```
 * To change this template file, choose Tools | Templates
```

```
 * and open the template in the editor.
```

```
*/
```

```
package gym;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.PreparedStatement;
```

```
import java.sql.ResultSet;
```

```
import java.sql.ResultSetMetaData;
```

```
import java.sql.SQLException;
```

```
import java.text.ParseException;
```

```
import java.text.SimpleDateFormat;
```

```
import java.util.Date;

import java.util.Vector;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;


/**

 *

 * @author nafiz

 */

public class Trainer extends javax.swing.JFrame {


/**

 * Creates new form Trainer

 */
```



```
public Trainer() {  
  
    initComponents();  
  
    Connect();  
  
    table_load();  
  
}
```

```
Connection con;
```

```
PreparedStatement pst;
```

```
DefaultTableModel df;
```

```
public void Connect()
```

```
{
```

```
    try {
```

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

```
        con = DriverManager.getConnection("jdbc:mysql://localhost/gymmanagementsystem",  
"root", "");
```

```
    } catch (ClassNotFoundException ex) {
```

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

```
    } catch (SQLException ex) {
```

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

```
    }
```

```
}
```

```
public void table_load()
```

```
{
```

```
    try {
```

```
        pst = con.prepareStatement("Select * from trainer");
```

```
        ResultSet rs = pst.executeQuery();
```

```

ResultSetMetaData rd = rs.getMetaData();

int c;

c = rd.getColumnCount();

df = (DefaultTableModel)jTable1.getModel();

df.setRowCount(0);


while(rs.next())

{

    Vector v2 = new Vector();

    for(int i=1; i<=c; i++)

    {

        v2.add(rs.getString("ID"));

        v2.add(rs.getString("Name"));

        v2.add(rs.getString("Age"));

```

```

        v2.add(rs.getString("Address"));

        v2.add(rs.getString("Mobile"));

        v2.add(rs.getString("DateReg"));

    }

    df.addRow(v2);

}

} catch (SQLException ex) {

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

}

```

```
}
```

```
/**
```

```
 * 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() {
```

```
    jPanel1 = new javax.swing.JPanel();
```

```
    jLabel1 = new javax.swing.JLabel();
```

```
    jPanel2 = new javax.swing.JPanel();
```

```
jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

trainerText = new javax.swing.JTextField();

addressText = new javax.swing.JTextField();

ageText = new javax.swing.JTextField();

mobileText = new javax.swing.JTextField();

txtDateReg = new com.toedter.calendar.JDateChooser();

search = new javax.swing.JTextField();

jLabel7 = new javax.swing.JLabel();

ageValidation = new javax.swing.JLabel();

mobileValidation = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();
```

```
jTable1 = new javax.swing.JTable();
```

```
jButton2 = new javax.swing.JButton();
```

```
jButton3 = new javax.swing.JButton();
```

```
jButton4 = new javax.swing.JButton();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

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

```
jPanel1.setBackground(new java.awt.Color(0, 153, 153));
```

```
jLabel1.setFont(new java.awt.Font("Tahoma", 0, 36)); // NOI18N
```

```
jLabel1.setForeground(new java.awt.Color(255, 255, 255));
```

```
jLabel1.setText("Trainer");
```

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

```
jPanel1.setLayout(jPanel1Layout);
```

```

jPanel1Layout.setHorizontalGroup(

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

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()

            .addGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

            .addComponent(jLabel1)

            .addGap(471, 471, 471))

        );

jPanel1Layout.setVerticalGroup(

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

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()

            .addGap(48, Short.MAX_VALUE)

            .addComponent(jLabel1)

            .addGap(40, 40, 40))

        );

```



```
jPanel2.setBackground(new java.awt.Color(0, 204, 204));
```

```
jPanel2.setBorder(new  
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED));
```

```
jLabel2.setText("Trainer Name");
```

```
jLabel3.setText("Age");
```

```
jLabel4.setText("Address");
```

```
jLabel5.setText("Mobile Number");
```

```
jLabel6.setText("Date Registered");
```

```
ageText.addKeyListener(new java.awt.event.KeyAdapter() {
```

```

public void keyTyped(java.awt.event.KeyEvent evt) {

    ageTextKeyTyped(evt);

}

});

mobileText.addKeyListener(new java.awt.event.KeyAdapter() {

    public void keyTyped(java.awt.event.KeyEvent evt) {

        mobileTextKeyTyped(evt);

    }

});

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

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

        searchActionPerformed(evt);

    }

});

```

```
search.addKeyListener(new java.awt.event.KeyAdapter() {  
  
    public void keyReleased(java.awt.event.KeyEvent evt) {  
  
        searchKeyReleased(evt);  
  
    }  
  
});
```

```
jLabel7.setText("Search");
```

```
ageValidation.setBackground(new java.awt.Color(255, 0, 0));
```

```
ageValidation.setForeground(new java.awt.Color(255, 0, 0));
```

```
mobileValidation.setForeground(new java.awt.Color(255, 0, 0));
```

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

```
jPanel2.setLayout(jPanel2Layout);
```

```
jPanel2Layout.setHorizontalGroup(
```

```
jPanel2Layout.createParallelGroup.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel2Layout.createParallelGroup.LEADING)

EADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup.LEADING)

ent.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(jLabel6)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 12, Short.MAX_VALUE)

.addComponent(txtDateReg, javax.swing.GroupLayout.PREFERRED_SIZE, 235, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(jLabel4)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATE  
D, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
.addComponent(addressText,  
javax.swing.GroupLayout.PREFERRED_SIZE, 235,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGroup(jPanel2Layout.createSequentialGroup())
```

```
.addComponent(jLabel5)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATE  
D, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
.addComponent(mobileText,  
javax.swing.GroupLayout.PREFERRED_SIZE, 237,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

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

```
.addComponent(jLabel3)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATE  
D, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
.addComponent(ageText, javax.swing.GroupLayout.PREFERRED_SIZE,  
235, javax.swing.GroupLayout.PREFERRED_SIZE))
```

```

        .addGroup(jPanel2Layout.createSequentialGroup())

        .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 64,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATE
D, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(search, javax.swing.GroupLayout.PREFERRED_SIZE, 235,
javax.swing.GroupLayout.PREFERRED_SIZE))

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

        .addComponent(jLabel2)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATE
D, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(trainerText, javax.swing.GroupLayout.PREFERRED_SIZE,
235, javax.swing.GroupLayout.PREFERRED_SIZE)))

        .addContainerGap())

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

        .addGap(0, 0, Short.MAX_VALUE)

```

```

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

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

        .addComponent(ageValidation)

        .addGap(30, 30, 30))

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

        .addComponent(mobileValidation)

        .addContainerGap()))))

);

jPanel2Layout.setVerticalGroup(

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

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(26, 26, 26)

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

```

```

        .addComponent(search, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel7))

        .addGap(35, 35, 35)

        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.B
ASELINE)

        .addComponent(trainerText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel2))

        .addGap(42, 42, 42)

        .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.B
ASELINE)

        .addComponent(ageText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel3))

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

        .addComponent(ageValidation)

```



```

.addGap(20, 20, 20)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.B
ASELINE)

.addComponent(addressText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel4))

.addGap(42, 42, 42)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.B
ASELINE)

.addComponent(mobileText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel5))

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

.addComponent(mobileValidation)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.L
EADING)

```

```

        .addComponent(jLabel6)

        .addComponent(txtDateReg, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(49, 49, 49))

    );

    jButton1.setText("Add");

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

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

            jButton1ActionPerformed(evt);

        }

    });

    jTable1.setBackground(new java.awt.Color(0, 204, 204));

    jTable1.setModel(new javax.swing.table.DefaultTableModel(

        new Object [][] {

```

```

    },

    new String [] {

        "ID", "Trainer Name", "Age", "Address", "Mobile Number", "Date Registered"

    }

));

jTable1.addMouseListener(new java.awt.event.MouseAdapter() {

    public void mouseClicked(java.awt.event.MouseEvent evt) {

        jTable1MouseClicked(evt);

    }

});

jScrollPane1.setViewportViewView(jTable1);


jButton2.setText("Update");

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

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

```

```

        jButton2ActionPerformed(evt);

    }

});

jButton3.setText("Delete");

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

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

        jButton3ActionPerformed(evt);

    }

});

jButton4.setText("Go Back");

jButton4.addActionListener(new java.awt.event.ActionListener() {

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

        jButton4ActionPerformed(evt);

    }

});

```

```
});
```

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

```
getContentPane().setLayout(layout);
```

```
layout.setHorizontalGroup(
```

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

```
        .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
```

```
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
        .addGroup(layout.createSequentialGroup()
```

```
            .addGap()
```

```
            .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
```

```
            javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
            .addGap(18, 18, 18)
```

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

```
                G)
```

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

```
                        ING)
```

```
.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 75,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 76,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 73,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(jButton4))
```

```
.addGap(18, 18, 18)
```

```
.addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 585,  
Short.MAX_VALUE)
```

```
.addContainerGap())
```

```
);
```

```
layout.setVerticalGroup(  
  

```

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

```
.addGroup(layout.createSequentialGroup()  
  

```

```
.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
```

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

```
.addGroup(layout.createSequentialGroup())
```

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

```
.addGroup(layout.createSequentialGroup())
```

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

```
.addComponent(jScrollPane1,  
javax.swing.GroupLayout.PREFERRED_SIZE, 345,  
javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGroup(layout.createSequentialGroup())
```

```
.addGap(25, 25, 25)
```

```
.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE,  
33, javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addGap(18, 18, 18)
```

```
.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,  
33, javax.swing.GroupLayout.PREFERRED_SIZE)
```

```

        .addGap(18, 18, 18)

        .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE,
35, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(18, 18, 18)

        .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE,
35, javax.swing.GroupLayout.PREFERRED_SIZE)))

        .addContainerGap(57, Short.MAX_VALUE))

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

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

        .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))))

    );

    pack();

    setLocationRelativeTo(null);

} // </editor-fold>

```



```

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

    // TODO add your handling code here:

    String tname = trainerText.getText();

    String age = ageText.getText();

    String address = addressText.getText();

    String mobile = mobileText.getText();

    SimpleDateFormat df = new SimpleDateFormat("yyyy-MM-dd");

    String date = df.format(txtDateReg.getDate());

    try {

        pst = con.prepareStatement("insert into
trainer(Name,Age,Address,Mobile,DateReg)values(?,?,?,?,?)");

        pst.setString(1,tname);

```

```

pst.setString(2,age);

pst.setString(3,address);

pst.setString(4,mobile);

pst.setString(5,date);

pst.executeUpdate();

JOptionPane.showMessageDialog(this, "Trainer Added");


trainerText.setText("");

ageText.setText("");

addressText.setText("");

mobileText.setText("");

trainerText.requestFocus();

table_load();

} catch (SQLException ex) {

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

```

```
}
```

```
}
```

```
private void jTable1MouseClicked(java.awt.event.MouseEvent evt) {
```

```
    // TODO add your handling code here:
```

```
    try {
```

```
        df = (DefaultTableModel)jTable1.getModel();
```

```
        int selected = jTable1.getSelectedRow();
```

```
        int id = Integer.parseInt(df.getValueAt(selected, 0).toString());
```

```
        trainerText.setText(df.getValueAt(selected, 1).toString());
```

```
        ageText.setText(df.getValueAt(selected, 2).toString());
```

```
addressText.setText(df.getValueAt(selected, 3).toString());
```

```
mobileText.setText(df.getValueAt(selected, 4).toString());
```

```
        Date date = new SimpleDateFormat("yyyy-MM-  
dd").parse((String)df.getValueAt(selected, 5));
```

```
        txtDateReg.setDate(date);
```

```
        jButton1.setEnabled(false);
```

```
    } catch (ParseException ex) {
```

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

```
    }
```

```
}
```

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

```
    // TODO add your handling code here:
```

```
    df = (DefaultTableModel)jTable1.getModel();
```

```
    int selected = jTable1.getSelectedRow();
```

```
    int id = Integer.parseInt(df.getValueAt(selected, 0).toString());
```

```
    String tname = trainerText.getText();
```

```
    String age = ageText.getText();
```

```
    String address = addressText.getText();
```

```
    String mobile = mobileText.getText();
```

```
    SimpleDateFormat df = new SimpleDateFormat("yyyy-MM-dd");
```

```
    String date = df.format(txtDateReg.getDate());
```

```

try {

    pst = con.prepareStatement("update trainer set Name = ?,Age = ?, Address = ?, Mobile
= ?, DateReg = ? where ID = ?");

    pst.setString(1,tname);

    pst.setString(2,age);

    pst.setString(3,address);

    pst.setString(4,mobile);

    pst.setString(5,date);

    pst.setInt(6,id);

    pst.executeUpdate();

    JOptionPane.showMessageDialog(this, "Trainer Updated");

    trainerText.setText("");

    ageText.setText("");

    addressText.setText("");

```

```

mobileText.setText("");

trainerText.requestFocus();


jButton1.setEnabled(true);

table_load();


} catch (SQLException ex) {

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

}


}


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

    // TODO add your handling code here:

```

```
df = (DefaultTableModel)jTable1.getModel();

int selected = jTable1.getSelectedRow();

int id = Integer.parseInt(df.getValueAt(selected, 0).toString());

try {

    pst = con.prepareStatement("delete from trainer where ID = ?");

    pst.setInt(1,id);

    pst.executeUpdate();

    JOptionPane.showMessageDialog(this, "Trainer Deleted");

    trainerText.setText("");

    ageText.setText("");

    addressText.setText("");
```



```

mobileText.setText("");

trainerText.requestFocus();


jButton1.setEnabled(true);

table_load();


} catch (SQLException ex) {

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

}


}


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

    // TODO add your handling code here:

```

```
this.setVisible(false);
```

```
}
```

```
private void searchActionPerformed(java.awt.event.ActionEvent evt) {
```

```
// TODO add your handling code here:
```

```
}
```

```
private void searchKeyReleased(java.awt.event.KeyEvent evt) {
```

```
// TODO add your handling code here:
```

```
try {
```

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

```
    con = DriverManager.getConnection("jdbc:mysql://localhost/gymmanagementsystem",  
    "root", "");
```

```
String sql = "Select * from trainer where Name =?";
```

```
PreparedStatement pst = con.prepareStatement(sql);
```

```
pst.setString(1,search.getText());
```

```
ResultSet rs = pst.executeQuery();
```

```
if(rs.next()){
```

```
    String settxttrainer = rs.getString("Name");
```

```
    trainerText.setText(settxttrainer);
```

```
    String settxtage = rs.getString("Age");
```

```
    ageText.setText(settxtage);
```

```
    String settxtaddress = rs.getString("Address");
```

```
    addressText.setText(settxtaddress);
```

```
    String settxtmobile = rs.getString("Mobile");
```

```
mobileText.setText(settxtmobile);
```

```
txtDateReg.setDate(rs.getDate("DateReg"));
```

```
}
```

```
} catch (ClassNotFoundException | SQLException ex) {
```

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

```
}
```

```
}
```

```
private void ageTextKeyTyped(java.awt.event.KeyEvent evt) {
```

```
    // TODO add your handling code here:
```

```

try{

    int i = Integer.parseInt(ageText.getText());

    ageValidation.setText("");

} catch(NumberFormatException e1){

    ageValidation.setText("Invalid Number");

}

}

private void mobileTextKeyTyped(java.awt.event.KeyEvent evt) {

    // TODO add your handling code here:

    try{

        int i = Integer.parseInt(mobileText.getText());

        mobileValidation.setText("");

```

```

    } catch(NumberFormatException e1){

        mobileValidation.setText("Invalid Number");

    }

}

/**

 * @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(Trainer.class.getName()).log(java.util.logging.Level.SEVERE
E, null, ex);

        } catch (InstantiationException ex) {

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

        } catch (IllegalAccessException ex) {

```

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

```
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(Trainer.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 Trainer().setVisible(true);
```

```
    }
```

```
});
```

```
}
```



```
// Variables declaration - do not modify

private javax.swing.JTextField addressText;

private javax.swing.JTextField ageText;

private javax.swing.JLabel ageValidation;

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JButton jButton4;

private javax.swing.JLabel jLabel1;

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.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable jTable1;

private javax.swing.JTextField mobileText;

private javax.swing.JLabel mobileValidation;

private javax.swing.JTextField search;

private javax.swing.JTextField trainerText;

private com.toedter.calendar.JDateChooser txtDateReg;

// End of variables declaration

}
```

Member.java:

```
/*
```

```
 * To change this license header, choose License Headers in Project Properties.
```

```
 * To change this template file, choose Tools | Templates
```

```
 * and open the template in the editor.
```

```
*/
```

```
package gym;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.PreparedStatement;
```

```
import java.sql.ResultSet;
```

```
import java.sql.ResultSetMetaData;
```

```
import java.sql.SQLException;
```

```
import java.text.ParseException;
```

```
import java.text.SimpleDateFormat;
```

```

import java.util.Date;

import java.util.Vector;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;


/**

 *

 * @author nafiz

 */

public class Member extends javax.swing.JFrame {


/**

 * Creates new form Member

 */

```

```
public Member() {  
  
    initComponents();  
  
    Connect();  
  
    load_trainer();  
  
    table_load();  
  
}
```

```
Connection con;
```

```
PreparedStatement pst;
```

```
DefaultTableModel df;
```

```
public void Connect()
```

```
{
```

```
    try {
```

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

```
        con = DriverManager.getConnection("jdbc:mysql://localhost/gymmanagementsystem",  
"root", "");
```

```
    } catch (ClassNotFoundException ex) {
```

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

```
    } catch (SQLException ex) {
```

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

```
    }
```

```
}
```

```
public void load_trainer()
```

```
{
```

```
    try {
```

```
        pst = con.prepareStatement("select Distinct Name from trainer");
```

```
        ResultSet rs;
```

```
rs = pst.executeQuery();
```

```
trainerText.removeAllItems();
```

```
while(rs.next())
```

```
{
```

```
    trainerText.addItem(rs.getString("Name"));
```

```
}
```

```
} catch (SQLException ex) {
```

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

```
}
```

```
}
```

```
public void table_load()
```

```
{
```

```
try {
```

```
    pst = con.prepareStatement("Select * from member");
```

```
    ResultSet rs = pst.executeQuery();
```

```
    ResultSetMetaData rd = rs.getMetaData();
```

```
    int c;
```

```
    c = rd.getColumnCount();
```

```
    df = (DefaultTableModel)jTable1.getModel();
```

```
    df.setRowCount(0);
```



```
while(rs.next())

{

    Vector v2 = new Vector();

    for(int i=1; i<=c; i++)

    {

        v2.add(rs.getString("ID"));

        v2.add(rs.getString("FirstName"));

        v2.add(rs.getString("LastName"));

        v2.add(rs.getString("DOB"));

        v2.add(rs.getString("Mobile"));

        v2.add(rs.getString("Gender"));

        v2.add(rs.getString("Address"));

        v2.add(rs.getString("Subscription"));

        v2.add(rs.getString("Amount"));
```

```

        v2.add(rs.getString("Date"));

        v2.add(rs.getString("Trainer"));

    }

    df.addRow(v2);

}

} catch (SQLException ex) {

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

}

}

/**

```

* 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() {

jPanel1 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

JPanel1 = new javax.swing.JPanel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

```
jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jLabel9 = new javax.swing.JLabel();

jLabel10 = new javax.swing.JLabel();

jLabel11 = new javax.swing.JLabel();

firstNameText = new javax.swing.JTextField();

lastNameText = new javax.swing.JTextField();

DOBText = new com.toedter.calendar.JDateChooser();

mobileText = new javax.swing.JTextField();

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

addressText = new javax.swing.JTextField();

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

amountText = new javax.swing.JTextField();

txtdate = new com.toedter.calendar.JDateChooser();

jButton1 = new javax.swing.JButton();

trainerText = new javax.swing.JComboBox<>();
```

```
jButton2 = new javax.swing.JButton();
```

```
jButton3 = new javax.swing.JButton();
```

```
jButton4 = new javax.swing.JButton();
```

```
jLabel12 = new javax.swing.JLabel();
```

```
search = new javax.swing.JTextField();
```

```
mobileValidation = new javax.swing.JLabel();
```

```
amountValidation = new javax.swing.JLabel();
```

```
jScrollPane1 = new javax.swing.JScrollPane();
```

```
jTable1 = new javax.swing.JTable();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

```
jPanel1.setBackground(new java.awt.Color(0, 153, 153));
```

```
jLabel1.setFont(new java.awt.Font("Tahoma", 0, 24)); // NOI18N
```

```
jLabel1.setForeground(new java.awt.Color(255, 255, 255));
```

```

jLabel1.setText("Member Registration");

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

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

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

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()

            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

            .addComponent(jLabel1)

            .addGap(510, 510, 510))

    );

jPanel1Layout.setVerticalGroup(

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

        .addGroup(jPanel1Layout.createSequentialGroup()

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

                .addGroup(jPanel1Layout.createSequentialGroup()

                    .addGap(31, 31, 31)

```

```
.addComponent(jLabel1)

.addContainerGap(31, Short.MAX_VALUE))

);

JPanel1.setBackground(new java.awt.Color(0, 204, 204));

JPanel1.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED));

jLabel2.setText("First Name");

jLabel3.setText("Last Name");

jLabel4.setText("Date of Birth");

jLabel5.setText("Mobile Number");
```

```
jLabel6.setText("Gender");
```

```
jLabel7.setText("Address");
```

```
jLabel8.setText("Subscription");
```

```
jLabel9.setText("Amount ($)");
```

```
jLabel10.setText("Start Date");
```

```
jLabel11.setText("Trainer");
```

```
mobileText.addKeyListener(new java.awt.event.KeyAdapter() {
```

```
    public void keyTyped(java.awt.event.KeyEvent evt) {
```

```
        mobileTextKeyTyped(evt);
```

```
    }
```



```
});
```

```
genderText.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Male",  
"Female" }));
```

```
subscriptionText.setModel(new javax.swing.DefaultComboBoxModel<>(new String[]  
{ "Monthly", "6 Months", "3 Months", "1 Year" }));
```

```
amountText.addKeyListener(new java.awt.event.KeyAdapter() {
```

```
    public void keyTyped(java.awt.event.KeyEvent evt) {
```

```
        amountTextKeyTyped(evt);
```

```
    }
```

```
});
```

```
jButton1.setText("Add");
```

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

```
public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
    jButton1ActionPerformed(evt);  
  
}  
  
});
```

```
jButton2.setText("Update");  
  
jButton2.addActionListener(new java.awt.event.ActionListener() {  
  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
        jButton2ActionPerformed(evt);  
  
    }  
  
});
```

```
jButton3.setText("Delete");  
  
jButton3.addActionListener(new java.awt.event.ActionListener() {  
  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
  
        jButton3ActionPerformed(evt);  
  
    }  
  
});
```

```

    }

});

jButton4.setText("Go Back");

jButton4.addActionListener(new java.awt.event.ActionListener() {

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

        jButton4ActionPerformed(evt);

    }

});

```

```

jLabel12.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel12.setText("Search");

```

```

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

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

        searchActionPerformed(evt);
    }
});

```

```

    }

});

search.addKeyListener(new java.awt.event.KeyAdapter() {

    public void keyReleased(java.awt.event.KeyEvent evt) {

        searchKeyReleased(evt);

    }

});

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

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

javax.swing.GroupLayout JPanel1Layout = new javax.swing.GroupLayout(JPanel1);

JPanel1.setLayout(JPanel1Layout);

JPanel1Layout.setHorizontalGroup(

    JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```
.addGroup(JPanel1Layout.createSequentialGroup())
```

```
.addContainerGap()
```

```
.addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING))
```

```
.addComponent(mobileValidation)
```

```
.addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false))
```

```
.addGroup(JPanel1Layout.createSequentialGroup())
```

```
.addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING))
```

```
.addComponent(jLabel5)
```

```
.addComponent(jLabel6)
```

```
.addComponent(jLabel7)
```

```
.addComponent(jLabel8)
```

```
.addComponent(jLabel9)
```

```
.addComponent(jLabel10)
```

```
.addComponent(jLabel11))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATE
```

D)

```
.addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align  
ment.LEADING)
```

```
.addComponent(genderText, 0, javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE)
```

```
.addComponent(addressText)
```

```
.addComponent(subscriptionText, 0,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
.addComponent(amountText)
```

```
.addComponent(txtdate, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
.addComponent(trainerText, 0, javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE)
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,  
JPanel1Layout.createSequentialGroup())
```

```
.addGap(3, 3, 3)
```

```
.addComponent(mobileText))))
```

```

        .addGroup(JPanel1Layout.createSequentialGroup())

        .addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align
nment.LEADING)

        .addComponent(jLabel2)

        .addComponent(jLabel12, javax.swing.GroupLayout.PREFERRED_SIZE,
51, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel3)

        .addComponent(jLabel4))

        .addGap(22, 22, 22)

        .addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align
nment.TRAILING)

        .addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Al
ignment.LEADING, false)

        .addComponent(firstNameText,
javax.swing.GroupLayout.DEFAULT_SIZE, 171, Short.MAX_VALUE)

        .addComponent(lastNameText)

        .addComponent(search))

```

```

        .addComponent(DOBText, javax.swing.GroupLayout.PREFERRED_SIZE,
171, javax.swing.GroupLayout.PREFERRED_SIZE))))

        .addComponent(amountValidation))

        .addGap(18, 18, 18)

        .addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.L
EADING, false)

        .addComponent(jButton4, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(jButton3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

        .addContainerGap(33, Short.MAX_VALUE))

);

JPanel1Layout.setVerticalGroup(

JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```



```

.addGroup(JPanel1Layout.createSequentialGroup())

.addGap(25, 25, 25)

.addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.T
RAILING))

.addComponent(jLabel12)

.addComponent(search, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

.addGap(18, 18, 18)

.addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.B
ASELINE))

.addComponent(firstNameText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addComponent(jLabel2))

.addGap(34, 34, 34)

.addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.B
ASELINE))

.addComponent(jLabel3)

```

```
.addComponent(lastNameText, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGap(18, 18, 18)
```

```
.addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.L  
EADING)
```

```
.addComponent(DOBText, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(jLabel4))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
.addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.B  
ASELINE)
```

```
.addComponent(jLabel5)
```

```
.addComponent(mobileText, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGap(2, 2, 2)
```

```
.addComponent(mobileValidation)
```

```
.addGap(18, 18, 18)
```

```
.addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addComponent(jLabel6)
```

```
.addComponent(genderText, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addGap(25, 25, 25)
```

```
.addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
.addComponent(addressText, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(jLabel7))
```

```
.addGap(38, 38, 38)
```

```
.addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
.addComponent(subscriptionText, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(jLabel8))
```

```
.addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(JPanel1Layout.createSequentialGroup()
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 36,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

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

```
.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 35,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addGap(7, 7, 7))
```

```
.addGroup(JPanel1Layout.createSequentialGroup()
```

```
.addGap(32, 32, 32)
```

```
.addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignm  
ent.BASELINE)
```

```
.addComponent(amountText, javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
```

```

        .addComponent(jLabel9))

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

        .addComponent(amountValidation)))

        .addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

        .addGroup(JPanel1Layout.createSequentialGroup())

        .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

        .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 36,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
JPanel1Layout.createSequentialGroup())

        .addGroup(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

        .addComponent(jLabel10)

        .addComponent(txtdate, 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(JPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignm
ent.BASELINE)

        .addComponent(trainerText, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel11))))

        .addGap(35, 35, 35))

);

```

```

jTable1.setModel(new javax.swing.table.DefaultTableModel(

    new Object [][] {

        },

    new String [] {

        "ID", "First Name", "Last Name", "DOB", "Mobile", "Gender", "Address",
"Subscription", "Amount", "Start Date", "Trainer"

```

```

    }

));

jTable1.addMouseListener(new java.awt.event.MouseAdapter() {

    public void mouseClicked(java.awt.event.MouseEvent evt) {

        jTable1MouseClicked(evt);

    }

});

jScrollPane1.setViewportView(jTable1);


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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

        .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addGroup(layout.createSequentialGroup()

```

```

        .addComponent(JPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

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

        .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 906,
Short.MAX_VALUE)

        .addContainerGap())

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addComponent(JPanel1, 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.LEADING)

G)

.addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 585,
Short.MAX_VALUE)

```



```
        .addComponent(JPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
```

```
);
```

```
pack();
```

```
setLocationRelativeTo(null);
```

```
}// </editor-fold>
```

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

```
    // TODO add your handling code here:
```

```
    String fname = firstNameText.getText();
```

```
    String lname = lastNameText.getText();
```

```
    SimpleDateFormat df = new SimpleDateFormat("yyyy-MM-dd");
```

```
    String dob = df.format(DOBText.getDate());
```

```
    String mobile = mobileText.getText();
```

```
    String gender = genderText.getSelectedItem().toString();
```

```
String address = addressText.getText();
```

```
String sub = subscriptionText.getSelectedItem().toString();
```

```
String amount = amountText.getText();
```

```
SimpleDateFormat dfl = new SimpleDateFormat("yyyy-MM-dd");
```

```
String sdate = dfl.format(DOBText.getDate());
```

```
String trainer = trainerText.getSelectedItem().toString();
```

```
try {
```

```
    pst = con.prepareStatement("insert into  
member(FirstName,LastName,DOB,Mobile,Gender,Address,Subscription,Amount,Date,Trainer)  
values(?,?,?,?,?,?,?,?,?,?)");
```

```
    pst.setString(1,fname);
```

```
    pst.setString(2,lname);
```

```
    pst.setString(3,dob);
```

```

        pst.setString(4,mobile);

        pst.setString(5,gender);

        pst.setString(6,address);

        pst.setString(7,sub);

        pst.setString(8,amount);

        pst.setString(9,sdate);

        pst.setString(10,trainer);

        pst.executeUpdate();

        JOptionPane.showMessageDialog(this, "Member Added");

    } catch (SQLException ex) {

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

    }

}

```

```

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

    // TODO add your handling code here:


    df = (DefaultTableModel)jTable1.getModel();

    int selected = jTable1.getSelectedRow();

    int id = Integer.parseInt(df.getValueAt(selected, 0).toString());


    try {

        pst = con.prepareStatement("delete from member where ID = ?");


        pst.setInt(1,id);

        pst.executeUpdate();

        JOptionPane.showMessageDialog(this, "Member Deleted");
    }
}

```

```
firstNameText.setText("");

lastNameText.setText("");

//txtdob.setText("");

mobileText.setText("");

genderText.setSelectedItem("");

addressText.setText("");

subscriptionText.setSelectedItem("");

amountText.setText("");

//txtdate.setText("");

trainerText.setSelectedItem("");

firstNameText.requestFocus();


jButton1.setEnabled(true);

table_load();

} catch (SQLException ex) {
```

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

    }

}
```

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

    // TODO add your handling code here:

    this.setVisible(false);

}
```

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

    // TODO add your handling code here:


    df = (DefaultTableModel)jTable1.getModel();

    int selected = jTable1.getSelectedRow();

}
```

```
int id = Integer.parseInt(df.getValueAt(selected, 0).toString());
```

```
String fname = firstNameText.getText();
```

```
String lname = lastNameText.getText();
```

```
SimpleDateFormat df = new SimpleDateFormat("yyyy-MM-dd");
```

```
String dob = df.format(DOBText.getDate());
```

```
String mobile = mobileText.getText();
```

```
String gender = genderText.getSelectedItem().toString();
```

```
String address = addressText.getText();
```

```
String sub = subscriptionText.getSelectedItem().toString();
```

```
String amount = amountText.getText();
```

```
SimpleDateFormat dfl = new SimpleDateFormat("yyyy-MM-dd");
```

```
String sdate = dfl.format(DOBText.getDate());
```

```
String trainer = trainerText.getSelectedItem().toString();
```

```
try {  
  
    pst = con.prepareStatement("update member set FirstName = ?,LastName = ?,DOB  
= ?,Mobile = ?,Gender = ?,Address = ?,Subscription = ?,Amount = ?,Date = ?,Trainer = ? where  
ID = ?");  
  
    pst.setString(1,fname);  
  
    pst.setString(2,lname);  
  
    pst.setString(3,dob);  
  
    pst.setString(4,mobile);  
  
    pst.setString(5,gender);  
  
    pst.setString(6,address);  
  
    pst.setString(7,sub);  
  
    pst.setString(8,amount);  
  
    pst.setString(9,sdate);  
  
    pst.setString(10,trainer);  
  
    pst.setInt(11,id);
```



```
pst.executeUpdate();
```

```
JOptionPane.showMessageDialog(this, "Member Updated");
```

```
firstNameText.setText("");
```

```
lastNameText.setText("");
```

```
mobileText.setText("");
```

```
genderText.setSelectedItem("");
```

```
addressText.setText("");
```

```
subscriptionText.setSelectedItem("");
```

```
amountText.setText("");
```

```
trainerText.setSelectedItem("");
```

```
firstNameText.requestFocus();
```

```
jButton1.setEnabled(true);
```

```
table_load();
```

```

    } catch (SQLException ex) {

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

    }

}

private void jTable1MouseClicked(java.awt.event.MouseEvent evt) {

    // TODO add your handling code here:

    try {

        df = (DefaultTableModel)jTable1.getModel();

        int selected = jTable1.getSelectedRow();

        int id = Integer.parseInt(df.getValueAt(selected, 0).toString());

```

```
firstNameText.setText(df.getValueAt(selected, 1).toString());

lastNameText.setText(df.getValueAt(selected, 2).toString());

Date date = new SimpleDateFormat("yyyy-MM-dd").parse((String)df.getValueAt(selected,
3));

DOBText.setDate(date);

mobileText.setText(df.getValueAt(selected, 4).toString());

genderText.setSelectedItem(df.getValueAt(selected, 5).toString());

addressText.setText(df.getValueAt(selected, 6).toString());

subscriptionText.setSelectedItem(df.getValueAt(selected, 7).toString());

amountText.setText(df.getValueAt(selected, 8).toString());

Date sdate = new SimpleDateFormat("yyyy-MM-
dd").parse((String)df.getValueAt(selected, 9));

txtdate.setDate(sdate);

trainerText.setSelectedItem(df.getValueAt(selected, 10).toString());
```

```
jButton1.setEnabled(false);
```

```
} catch (ParseException ex) {
```

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

```
}
```

```
}
```

```
private void searchActionPerformed(java.awt.event.ActionEvent evt) {
```

```
    // TODO add your handling code here:
```

```
}
```

```
private void searchKeyReleased(java.awt.event.KeyEvent evt) {
```

```
    // TODO add your handling code here:
```

```
    try {
```

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

```
        con = DriverManager.getConnection("jdbc:mysql://localhost/gymmanagementsystem",  
"root", "");
```

```
        String sql = "Select * from member where FirstName =?";
```

```
        PreparedStatement pst = con.prepareStatement(sql);
```

```
        pst.setString(1,search.getText());
```

```
        ResultSet rs = pst.executeQuery();
```

```
        if(rs.next()){
```

```
            String settxtfname = rs.getString("FirstName");
```

```
            firstNameText.setText(settxtfname);
```

```
String settxtlname = rs.getString("LastName");
```

```
lastNameText.setText(settxtlname);
```

```
DOBText.setDate(rs.getDate("DOB"));
```

```
String settxtmobile = rs.getString("Mobile");
```

```
mobileText.setText(settxtmobile);
```

```
/* String settxtgender = rs.getString("Gender");
```

```
genderText.setText(settxtgender); */
```

```
String settxtaddress = rs.getString("Address");
```

```
addressText.setText(settxtaddress);
```

```
//String settxtsub= rs.getString("Subscription");
```

```

        //txtsub.setText(settxtsub);

        String settxtamount = rs.getString("Amount");

        amountText.setText(settxtamount);

        txtdate.setDate(rs.getDate("Date"));

        // String settxttrainer = rs.getString("Trainer");

        //txttrainer.setText(settxttrainer);

    }

} catch (ClassNotFoundException | SQLException ex) {

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

}

```

```
}
```

```
private void mobileTextKeyTyped(java.awt.event.KeyEvent evt) {
```

```
    // TODO add your handling code here:
```

```
    try{
```

```
        int i = Integer.parseInt(mobileText.getText());
```

```
        mobileValidation.setText("");
```

```
    } catch (NumberFormatException e1){
```

```
        mobileValidation.setText("Invalid Number");
```

```
    }
```

```
}
```

```
private void amountTextKeyTyped(java.awt.event.KeyEvent evt) {
```



```

// TODO add your handling code here:

try{

    int i = Integer.parseInt(amountText.getText());

    amountValidation.setText("");

} catch(NumberFormatException e1){

    amountValidation.setText("Invalid Number");

}

}

/**

 * @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(Member.class.getName()).log(java.util.logging.Level.SEVERE,

 RE, null, ex);

 } catch (InstantiationException ex) {

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

```
    } catch (IllegalAccessException ex) {
```

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

```
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(Member.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 Member().setVisible(true);
```

```

    }

    });

}

// Variables declaration - do not modify

private com.toedter.calendar.JDateChooser DOBText;

private javax.swing.JPanel JPanel1;

private javax.swing.JTextField addressText;

private javax.swing.JTextField amountText;

private javax.swing.JLabel amountValidation;

private javax.swing.JTextField firstNameText;

private javax.swing.JComboBox<String> genderText;

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

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 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.JScrollPane jScrollPane1;  
  
private javax.swing.JTable jTable1;  
  
private javax.swing.JTextField lastNameText;
```

```
private javax.swing.JTextField mobileText;

private javax.swing.JLabel mobileValidation;

private javax.swing.JTextField search;

private javax.swing.JComboBox<String> subscriptionText;

private javax.swing.JComboBox<String> trainerText;

private com.toedter.calendar.JDateChooser txtdate;

// End of variables declaration

}
```