

BOOKSTORE MANAGEMENT SYSTEM

SOURCE CODES

HARINI M

230701101

CSE B SECTION

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
import java.sql.Statement;
import java.sql.ResultSet;
import javax.swing.JOptionPane;

/**
 *
 * @author Harini
 */
public class LoginPage extends javax.swing.JFrame {

    /**
     * Creates new form LoginPage
     */
    public LoginPage() {
        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() {

        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        user = new javax.swing.JTextField();
        password = new javax.swing.JPasswordField();
        jButton1 = new javax.swing.JButton();

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

```

        jLabel1.setFont(new java.awt.Font("Segoe UI", 1, 18)); // NOI18N
        jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
        jLabel1.setText("LOGIN");

        jLabel2.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N
        jLabel2.setText("USERNAME");

        jLabel3.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N
        jLabel3.setText("PASSWORD");

        user.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                userActionPerformed(evt);
            }
        });

        jButton1.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N
        jButton1.setText("LOGIN");
        jButton1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton1ActionPerformed(evt);
            }
        });

        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
        getContentPane().setLayout(layout);
        layout.setHorizontalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 92,
                            javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 92,
                            javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(user, javax.swing.GroupLayout.DEFAULT_SIZE, 259,
                            Short.MAX_VALUE)
                        .addComponent(password)
                        .addGap(95, 95, 95))
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 140,
                            javax.swing.GroupLayout.PREFERRED_SIZE))
                )
        );

```

```

        .addGroup(layout.createSequentialGroup()
            .addGap(190, 190, 190)
            .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 114,
                javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap(189, Short.MAX_VALUE))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(22, 22, 22)
                .addComponent(jLabel1)
                .addGap(32, 32, 32)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 28,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(user, javax.swing.GroupLayout.PREFERRED_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addGap(50, 50, 50)
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 28,
                            javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(password, javax.swing.GroupLayout.PREFERRED_SIZE,
                            javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGap(46, 46, 46)
                        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
                            javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addContainerGap(31, Short.MAX_VALUE))
                    );
                pack();
                setLocationRelativeTo(null);
            } // </editor-fold>

```

```

private void userActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

```

```

    }

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String url = "jdbc:mysql://localhost:3306/library?useSSL=false"; // including port (optional if
        default)
        String mysqluser="root";
        String mysqlpwd= "Harini@2005";
        String pswrd=new String(password.getPassword());
        String username=user.getText();
        String query=("select PASSWORD from admin where USER_ID='"+username+"'");

```

```

        try {
            Connection conn= DriverManager.getConnection(url,mysqluser,mysqlpwd);
            Statement stm=conn.createStatement();
            ResultSet rs=stm.executeQuery(query);
            if(rs.next())
            {
                String realpswr=rs.getString("PASSWORD");
                if(realpswr.equals(pswrd))
                {
                    Dashboard dsh=new Dashboard();
                    dsh.setVisible(true);
                    this.dispose();
                }
            }
            else
            {
                JOptionPane.showMessageDialog(this,"Username or Password entered is Incorrect");
            }
        }
        else
        {
            JOptionPane.showMessageDialog(this, "Wrong Username");
        }
    }

    catch(Exception e) {
        JOptionPane.showMessageDialog(this, e.getMessage());
    }
}

/**
 * @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(LoginPage.class.getName()).log(java.util.logging.Level.SEVERE
    E, null, ex);
    } catch (InstantiationException ex) {

```

```

java.util.logging.Logger.getLogger(LoginPage.class.getName()).log(java.util.logging.Level.SEVERE
    E, null, ex);
    } catch (IllegalAccessException ex) {

```

```

java.util.logging.Logger.getLogger(LoginPage.class.getName()).log(java.util.logging.Level.SEVERE
    E, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

```

```

java.util.logging.Logger.getLogger(LoginPage.class.getName()).log(java.util.logging.Level.SEVERE
    E, null, ex);
    }
//</editor-fold>

```

```

    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            new LoginPage().setVisible(true);
        }
    });
}

```

```

// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JPasswordField password;
private javax.swing.JTextField user;
// End of variables declaration
}

```

Login Page

```

import Project.MysqlCon;

```

```

    /*
    * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this
    license
    * Click nbfs://nbhost/SystemFileSystem/Templates/GuiForms/JFrame.java to edit this template
    */
    /**

```

```

        *
        * @author Harini
        */
public class Dashboard extends javax.swing.JFrame {

    /**
     * Creates new form Dashboard
     */
    public Dashboard() {
        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() {

        jLabel1 = new javax.swing.JLabel();
        B1 = new javax.swing.JButton();
        B2 = new javax.swing.JButton();
        B3 = new javax.swing.JButton();
        B4 = new javax.swing.JButton();
        B5 = new javax.swing.JButton();
        B6 = new javax.swing.JButton();
        B7 = new javax.swing.JButton();
        jLabel2 = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        jLabel1.setFont(new java.awt.Font("Segoe UI", 1, 28)); // NOI18N
        jLabel1.setText("BOOKSTORE MANAGEMENT SYSTEM");

        B1.setText("BOOKS AVAILABLE");
        B1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                B1ActionPerformed(evt);
            }
        });

        B2.setText("ADD BOOKS");
        B2.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                B2ActionPerformed(evt);
            }
        });

```



```

        .addComponent(B3, javax.swing.GroupLayout.PREFERRED_SIZE, 130,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 171,
            Short.MAX_VALUE)
        .addComponent(B6, javax.swing.GroupLayout.PREFERRED_SIZE, 135,
            javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(layout.createSequentialGroup())

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(B1)
            .addComponent(B2, javax.swing.GroupLayout.PREFERRED_SIZE, 130,
                javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
            javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(B4, javax.swing.GroupLayout.Alignment.TRAILING,
                javax.swing.GroupLayout.PREFERRED_SIZE, 135, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(B5, javax.swing.GroupLayout.Alignment.TRAILING,
                javax.swing.GroupLayout.PREFERRED_SIZE, 135,
                javax.swing.GroupLayout.PREFERRED_SIZE))))
        .addGap(89, 89, 89)
        .addGroup(layout.createSequentialGroup())
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(34, 34, 34)
                .addComponent(jLabel1))
            .addGroup(layout.createSequentialGroup()
                .addGap(188, 188, 188)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(B7, javax.swing.GroupLayout.PREFERRED_SIZE, 145,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 133,
                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()
                .addGap(25, 25, 25)
                .addComponent(jLabel1)
                .addGap(18, 18, 18)
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 53,
                Short.MAX_VALUE)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

```



```

        .addComponent(B4, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(B1, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
            javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(37, 37, 37)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(B5, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(B2, javax.swing.GroupLayout.PREFERRED_SIZE, 35,
                javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(39, 39, 39)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(B6, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(B3, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
                javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(37, 37, 37)
        .addComponent(B7, javax.swing.GroupLayout.PREFERRED_SIZE, 43,
            javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
        );

        pack();
        setLocationRelativeTo(null);
    } // </editor-fold>

```

```

private void B5ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    Add_Staff staff=new Add_Staff();
    staff.setVisible(true);
}

```

```

private void B3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    Remove_Books brooks=new Remove_Books();
    brooks.setVisible(true);

}

```

```

private void B1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    Books_Available books=new Books_Available();
    books.setVisible(true);

}

```

```

private void B2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    Add_Books add=new Add_Books();
}

```

```

        add.setVisible(true);
    }

    private void B4ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        Staff_Details staff=new Staff_Details();
        staff.setVisible(true);

    }

    private void B7ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        Edit_Admin edit=new Edit_Admin();
        edit.setVisible(true);

    }

    private void B6ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        Remove_Staff staff=new Remove_Staff();
        staff.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(Dashboard.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {

    }

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

```

```

        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Dashboard.class.getName()).log(java.util.logging.Level.SEVERE
        E, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Dashboard.class.getName()).log(java.util.logging.Level.SEVERE
        E, null, ex);
        }
    }
}
//</editor-fold>

```

```

    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            new Dashboard().setVisible(true);
        }
    });
}

```

```

// Variables declaration - do not modify
private javax.swing.JButton B1;
private javax.swing.JButton B2;
private javax.swing.JButton B3;
private javax.swing.JButton B4;
private javax.swing.JButton B5;
private javax.swing.JButton B6;
private javax.swing.JButton B7;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
// End of variables declaration
}

```

Dashboard

```

/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this
    license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
 */
package Project;
import java.sql.*;

/**
 *
 * @author Harini
 */
public class MysqlCon {
    public static Connection getCon(){
        // Database credentials
    }
}

```

```
String url = "jdbc:mysql://localhost:3306/library"; // Replace with your database URL
String username = "root"; // Replace with your MySQL username
String password = "Harini@2005"; // Replace with your MySQL password
```

```
Connection connection = null;
```

```
    try {
        // Attempt to establish a connection to the database
        Class.forName("com.mysql.cj.jdbc.Driver");
        connection = DriverManager.getConnection(url, username, password);
```

```
        if (connection != null) {
            System.out.println("Connected to the database successfully!");
            }return connection;
        } catch (Exception e) {
            System.out.println("Failed to connect to the database.");
            System.out.print(e);
            return null;
        }
    }
```

```
    public static void main(String[] args) {
        try {
            Connection conn = getCon();
            // You can now use `conn` to interact with the database
            // Don't forget to close the connection when done
            String createTableSQL = "CREATE TABLE IF NOT EXISTS ExampleTable (" +
                "ID INT PRIMARY KEY AUTO_INCREMENT, " +
                "Name VARCHAR(100) NOT NULL " +
                ")";
```

```
        // Create a Statement object to execute the SQL
        Statement statement =conn.createStatement();
```

```
        // Execute the create table SQL
        statement.executeUpdate(createTableSQL);
        System.out.println("Table created successfully.");
    } catch (Exception e) {
        System.out.println(e);
    }
}
```

```
    }
connector jar
```

```
Books Available
import java.sql.*;
```

```

import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
    import javax.swing.*;
import javax.swing.JTable;

    /**
     *
     * @author Harini
     */
public class Books_Available extends javax.swing.JFrame {

    /**
     * Creates new form Books_Available
     */
    public Books_Available() {
        initComponents();
        setDefaultCloseOperation(Books_Available.DISPOSE_ON_CLOSE);
    }

    /**
     * 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() {

        jScrollPane1 = new javax.swing.JScrollPane();
        jTable1 = new javax.swing.JTable();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        jTable1.setModel(new javax.swing.table.DefaultTableModel(
            new Object [][] {

                },
            new String [] {
                "BOOK_ID", "CATEGORY", "NAME", "AUTHOR", "COPIES"
            }
        ));
        jScrollPane1.setViewportView(jTable1);

        jButton1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
        jButton1.setText("FETCH");
        jButton1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {

```

```

        jButton1ActionPerformed(evt);
    }
});

jButton2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jButton2.setText("BACK");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

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()
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 650,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGroup(layout.createSequentialGroup()
                        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 134,
                            javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 73,
                            javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 134,
                            javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addGap(18, 18, Short.MAX_VALUE))
                .addContainerGap())
            .addGroup(layout.createSequentialGroup()
                .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 353,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 27,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 48,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 48,
                        javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(32, 32, 32))
        );

    pack();
    setLocationRelativeTo(null);
}

```

```

    } // </editor-fold>

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        DefaultTableModel model= (DefaultTableModel)jTable1.getModel();
        String url="jdbc:mysql://localhost/library";
        String user="root";
        String pwd="Harini@2005";
        String query="select * from books;";
        try{
            Connection conn= DriverManager.getConnection(url,user,pwd);
            Statement stm=conn.createStatement();
            ResultSet rs= stm.executeQuery(query);
            while(rs.next())
            {
                String bookid=rs.getString("BOOK_ID");
                String category=rs.getString("CATEGORY");
                String name=rs.getString("NAME");
                String author=rs.getString("AUTHOR");
                int copies=rs.getInt("COPIES");
                model.addRow(new Object[] {bookid,category,name,author,copies});
            }
            rs.close();
            stm.close();

        }
        catch(Exception e){
            JOptionPane.showMessageDialog(this, e.getMessage());
        }
    }

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        this.dispose();
    }

    /**
     * @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(Books_Available.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Books_Available.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Books_Available.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Books_Available.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 Books_Available().setVisible(true);
            }
        });
    }
}

```

```

// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTable1;
// End of variables declaration
}

```

Add Books

```

/*
* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this
  license
* Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template

```



```

        */
        import java.sql.*;
        import javax.swing.*;

        /**
         *
         * @author Harini
         */
        public class Add_Books extends javax.swing.JFrame {

            /**
             * Creates new form Add_Books
             */
            public Add_Books() {
                initComponents();
                setDefaultCloseOperation(Add_Books.DISPOSE_ON_CLOSE);
            }

            /**
             * 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() {

                jLabel1 = new javax.swing.JLabel();
                jLabel2 = new javax.swing.JLabel();
                jLabel3 = new javax.swing.JLabel();
                jLabel4 = new javax.swing.JLabel();
                jLabel5 = new javax.swing.JLabel();
                jScrollPane1 = new javax.swing.JScrollPane();
                t2 = new javax.swing.JTextPane();
                jScrollPane2 = new javax.swing.JScrollPane();
                t1 = new javax.swing.JTextPane();
                jScrollPane3 = new javax.swing.JScrollPane();
                t4 = new javax.swing.JTextPane();
                jScrollPane4 = new javax.swing.JScrollPane();
                t5 = new javax.swing.JTextPane();
                jScrollPane5 = new javax.swing.JScrollPane();
                t3 = new javax.swing.JTextPane();
                jButton1 = new javax.swing.JButton();
                jButton2 = new javax.swing.JButton();

                setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

                jLabel1.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N
                jLabel1.setText("BOOK ID");

```

```
jLabel2.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N  
jLabel2.setText("CATEGORY");  
  
jLabel3.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N  
jLabel3.setText("NAME");  
  
jLabel4.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N  
jLabel4.setText("COPIES");  
  
jLabel5.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N  
jLabel5.setText("AUTHOR");  
  
jScrollPane1.setViewportView(t2);  
  
jScrollPane2.setViewportView(t1);  
  
jScrollPane3.setViewportView(t4);  
  
jScrollPane4.setViewportView(t5);  
  
jScrollPane5.setViewportView(t3);  
  
jButton1.setFont(new java.awt.Font("Serif", 1, 18)); // NOI18N  
jButton1.setText("CANCEL");  
jButton1.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton1ActionPerformed(evt);  
    }  
});  
  
jButton2.setFont(new java.awt.Font("Serif", 1, 18)); // NOI18N  
jButton2.setText("ADD");  
jButton2.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton2ActionPerformed(evt);  
    }  
});  
  
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  
getContentPane().setLayout(layout);  
layout.setHorizontalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(layout.createSequentialGroup()  
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .addGroup(layout.createSequentialGroup()  
                    .addGap(90, 90, 90)
```

```

        .addComponent(jLabel1)
        .addComponent(jLabel2)
        .addComponent(jLabel4)
        .addComponent(jLabel5)
        .addComponent(jLabel3))
        .addGap(54, 54, 54)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 250,
        javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 250,
        javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jScrollPane5, javax.swing.GroupLayout.PREFERRED_SIZE, 250,
        javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jScrollPane3, javax.swing.GroupLayout.PREFERRED_SIZE, 250,
        javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jScrollPane4, javax.swing.GroupLayout.PREFERRED_SIZE, 250,
        javax.swing.GroupLayout.PREFERRED_SIZE)))
    .addGroup(layout.createSequentialGroup()
        .addGap(148, 148, 148)
        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 107,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(93, 93, 93)
        .addComponent(jButton1)))
    .addContainerGap(122, Short.MAX_VALUE))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(62, 62, 62)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 51,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
                    layout.createSequentialGroup()
                        .addComponent(jLabel1)
                        .addGap(10, 10, 10)))
                .addGap(13, 13, 13)
            ))
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 51,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(layout.createSequentialGroup()
                .addGap(17, 17, 17)
                .addComponent(jLabel2)))
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(18, 18, 18)
                .addComponent(jScrollPane5, javax.swing.GroupLayout.PREFERRED_SIZE, 51,
                    javax.swing.GroupLayout.PREFERRED_SIZE)

```

```

        .addGap(18, 18, 18)
    .addComponent(jScrollPane3, javax.swing.GroupLayout.PREFERRED_SIZE, 51,
        javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
        layout.createSequentialGroup()
            .addGap(15, 15, 15)
            .addComponent(jLabel3)
            .addGap(49, 49, 49)
            .addComponent(jLabel5)
            .addGap(17, 17, 17)))
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(35, 35, 35)
            .addComponent(jLabel4)
            .addGap(26, 26, 26))
        .addComponent(jScrollPane4, javax.swing.GroupLayout.Alignment.TRAILING,
            javax.swing.GroupLayout.PREFERRED_SIZE, 51, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(34, 34, 34)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 43,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 43,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(40, Short.MAX_VALUE))
    );

    pack();
    setLocationRelativeTo(null);
} // </editor-fold>

```

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String url="jdbc:mysql://localhost/library";
    String user="root";
    String pwd="Harini@2005";
    String query="insert into books values(?,?,?,?)";
    String id = t1.getText();
    String category=t2.getText();
    String name=t3.getText();
    String author=t4.getText();
    int copies=Integer.parseInt(t5.getText());
    String checkquery="update books set copies=copies+"+copies+" where name='"+name+"'
        and category='"+category+"' and author='"+author+"'";
    try{
        Connection conn= DriverManager.getConnection(url,user,pwd);
        Statement stmt=conn.createStatement();
        int rows=stmt.executeUpdate(checkquery);
        if(rows>0){
            JOptionPane.showMessageDialog(this, "One record added successfully");
        }
    }
}

```

```

        }
        else{
            PreparedStatement stm= conn.prepareCall(query);
            stm.setString(1, id);
            stm.setString(2, category);
            stm.setString(3, name);
            stm.setString(4, author);
            stm.setInt(5, copies);
            stm.execute();
            JOptionPane.showMessageDialog(this, "One record added successfully");
        }
        t1.setText(null);
        t2.setText(null);
        t3.setText(null);
        t4.setText(null);
        t5.setText(null);
    }
    catch(Exception e){
        JOptionPane.showMessageDialog(this, e);
    }
}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    this.dispose();
}

/**
 * @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(Add_Books.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {

```

```

java.util.logging.Logger.getLogger(Add_Books.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {

```

```

java.util.logging.Logger.getLogger(Add_Books.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

```

```

java.util.logging.Logger.getLogger(Add_Books.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 Add_Books().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.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane2;
private javax.swing.JScrollPane jScrollPane3;
private javax.swing.JScrollPane jScrollPane4;
private javax.swing.JScrollPane jScrollPane5;
private javax.swing.JTextPane t1;
private javax.swing.JTextPane t2;
private javax.swing.JTextPane t3;
private javax.swing.JTextPane t4;
private javax.swing.JTextPane t5;
// End of variables declaration
}

```

Staff Details

```

import java.sql.*;
import javax.swing.table.DefaultTableModel;
import javax.swing.*;

```

```

        /**
         *
         * @author Harini
         */
public class Staff_Details extends javax.swing.JFrame {

    /**
     * Creates new form Staff_Details
     */
    public Staff_Details() {
        initComponents();
        setDefaultCloseOperation(Staff_Details.DISPOSE_ON_CLOSE);
    }

    /**
     * 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() {

        jScrollPane1 = new javax.swing.JScrollPane();
        jTable1 = new javax.swing.JTable();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        jTable1.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
        jTable1.setModel(new javax.swing.table.DefaultTableModel(
            new Object [][] {

                },
            new String [] {
                "STAFF ID", "NAME", "CONTACT"
            }
        ));
        jScrollPane1.setViewportView(jTable1);

        jButton1.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
        jButton1.setText("FETCH");
        jButton1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton1ActionPerformed(evt);
            }
        });
    }
}

```

```

    }
    });

    jButton2.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
    jButton2.setText("EXIT");
    jButton2.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton2ActionPerformed(evt);
        }
    });

    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()
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 607,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGroup(layout.createSequentialGroup()
                        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 120,
                            javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(90, 90, 90)
                        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 120,
                            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()
                .addContainerGap()
                .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 358,
                    javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(18, 18, 18)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
                        javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(24, 24, 24))
    );

    pack();
    setLocationRelativeTo(null);
} // </editor-fold>

```



```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    DefaultTableModel model= (DefaultTableModel)jTable1.getModel();
    String url="jdbc:mysql://localhost/library";
    String user="root";
    String pwd="Harini@2005";
    String query="select * from staff;";
    try
    {
        Connection conn=DriverManager.getConnection(url,user,pwd);
        Statement stm=conn.createStatement();
        ResultSet rs= stm.executeQuery(query);
        while(rs.next()){
            String staffid=rs.getString("STAFF_ID");
            String name=rs.getString("NAME");
            String contact=rs.getString("CONTACT");
            model.addRow(new Object[] {staffid,name,contact});
        }
        rs.close();
        stm.close();

    }
    catch(Exception e){
        JOptionPane.showMessageDialog(this, e.getMessage());
    }

}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    this.dispose();
}

/**
 * @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(Staff_Details.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Staff_Details.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Staff_Details.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Staff_Details.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 Staff_Details().setVisible(true);
            }
        });
    }
}

```

```

// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable jTable1;
// End of variables declaration
}

```

Add Staff

```

        */
        import java.sql.*;
        import javax.swing.*;
        /**
         *
         * @author Harini
         */
        public class Add_Staff extends javax.swing.JFrame {

            /**
             * Creates new form Add_Staff
             */

```

```

        public Add_Staff() {
            initComponents();
            setDefaultCloseOperation(Add_Staff.DISPOSE_ON_CLOSE);
        }

        /**
         * 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() {

            jLabel5 = new javax.swing.JLabel();
            jLabel6 = new javax.swing.JLabel();
            jLabel7 = new javax.swing.JLabel();
            jScrollPane1 = new javax.swing.JScrollPane();
            t1 = new javax.swing.JTextPane();
            jScrollPane2 = new javax.swing.JScrollPane();
            t3 = new javax.swing.JTextPane();
            jScrollPane3 = new javax.swing.JScrollPane();
            t2 = new javax.swing.JTextPane();
            jButton1 = new javax.swing.JButton();
            jButton3 = new javax.swing.JButton();

            setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

            jLabel5.setFont(new java.awt.Font("Trebuchet MS", 1, 20)); // NOI18N
            jLabel5.setText("STAFF ID");

            jLabel6.setFont(new java.awt.Font("Trebuchet MS", 1, 20)); // NOI18N
            jLabel6.setText("NAME");

            jLabel7.setFont(new java.awt.Font("Trebuchet MS", 1, 20)); // NOI18N
            jLabel7.setText("CONTACT");

            jScrollPane1.setViewportView(t1);

            jScrollPane2.setViewportView(t3);

            jScrollPane3.setViewportView(t2);

            jButton1.setFont(new java.awt.Font("SimSun", 1, 24)); // NOI18N
            jButton1.setText("ADD");
            jButton1.addActionListener(new java.awt.event.ActionListener() {
                public void actionPerformed(java.awt.event.ActionEvent evt) {
                    jButton1ActionPerformed(evt);
                }
            }

```

```
        });  
  
        jButton3.setFont(new java.awt.Font("SimSun", 1, 24)); // NOI18N  
        jButton3.setText("CANCEL");  
        jButton3.addActionListener(new java.awt.event.ActionListener() {  
            public void actionPerformed(java.awt.event.ActionEvent evt) {  
                jButton3ActionPerformed(evt);  
            }  
        });  
  
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  
    getContentPane().setLayout(layout);  
    layout.setHorizontalGroup(  
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
            .addGroup(layout.createSequentialGroup()  
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                    .addGroup(layout.createSequentialGroup()  
                        .addComponent(jLabel7)  
                        .addGap(60, 60, 60)  
                        .addComponent(jButton3)  
                        .addPreferredGap(LayoutStyle.ComponentPlacement.RELATED)  
                        .addComponent(jButton1)  
                        .addContainerGap()                    )
```

```

        .addGap(89, 89, 89)
    .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 52,
        javax.swing.GroupLayout.PREFERRED_SIZE)))
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addGap(30, 30, 30)
        .addComponent(jScrollPane3, javax.swing.GroupLayout.PREFERRED_SIZE, 52,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGroup(layout.createSequentialGroup()
            .addGap(46, 46, 46)
            .addComponent(jLabel6)))
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(34, 34, 34)
            .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 52,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(layout.createSequentialGroup()
                .addGap(48, 48, 48)
                .addComponent(jLabel7)))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 41,
            Short.MAX_VALUE))
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 43,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 43,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(39, 39, 39))
    );

```

```

        pack();
        setLocationRelativeTo(null);
    } // </editor-fold>

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String url="jdbc:mysql://localhost/library";
    String user="root";
    String pwd="Harini@2005";
    String query="insert into staff values(?,?,?)";
    String id=t1.getText();
    String name=t2.getText();
    int contact=Integer.parseInt(t3.getText());

    try{
        Connection conn=DriverManager.getConnection(url,user,pwd);
        PreparedStatement stm=conn.prepareStatement(query);
        stm.setString(1, id);
        stm.setString(2, name);
        stm.setInt(3, contact);
    }
}

```

```

        stm.execute();
JOptionPane.showMessageDialog(this, "One staff added successfully");
        t1.setText(null);
        t2.setText(null);
        t3.setText(null);
    }
    catch(Exception e){
JOptionPane.showMessageDialog(this, e);
    }
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    this.dispose();
}

/**
 * @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(Add_Staff.class.getName()).log(java.util.logging.Level.SEVERE
        , null, ex);
    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Add_Staff.class.getName()).log(java.util.logging.Level.SEVERE
        , null, ex);
    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Add_Staff.class.getName()).log(java.util.logging.Level.SEVERE
        , null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

```

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

```
/* Create and display the form */
```

```
java.awt.EventQueue.invokeLater(new Runnable() {  
    @Override  
    public void run() {  
        new Add_Staff().setVisible(true);  
    }  
});  
}
```

```
// Variables declaration - do not modify  
private javax.swing.JButton jButton1;  
private javax.swing.JButton jButton3;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel6;  
private javax.swing.JLabel jLabel7;  
private javax.swing.JScrollPane jScrollPane1;  
private javax.swing.JScrollPane jScrollPane2;  
private javax.swing.JScrollPane jScrollPane3;  
private javax.swing.JTextPane t1;  
private javax.swing.JTextPane t2;  
private javax.swing.JTextPane t3;  
// End of variables declaration  
}
```

Remove Books

```
import javax.swing.JOptionPane;  
import java.sql.*;  
import javax.swing.*;
```

```
/*  
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this  
   license  
 * Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template  
 */
```

```
/**  
 *  
 * @author Harini  
 */
```

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

```
/**
```

```

        * Creates new form Remove_Books
        */
        public Remove_Books() {
            initComponents();
            setDefaultCloseOperation(Remove_Books.DISPOSE_ON_CLOSE);
        }

        /**
         * 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() {

            jLabel1 = new javax.swing.JLabel();
            t1 = new javax.swing.JTextField();
            jButton1 = new javax.swing.JButton();
            jButton2 = new javax.swing.JButton();

            setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

            jLabel1.setFont(new java.awt.Font("Serif", 1, 28)); // NOI18N
            jLabel1.setText("ENTER BOOK ID OR BOOK NAME TO DELETE");

            jButton1.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
            jButton1.setText("DELETE");
            jButton1.addActionListener(new java.awt.event.ActionListener() {
                public void actionPerformed(java.awt.event.ActionEvent evt) {
                    jButton1ActionPerformed(evt);
                }
            });

            jButton2.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
            jButton2.setText("CANCEL");
            jButton2.addActionListener(new java.awt.event.ActionListener() {
                public void actionPerformed(java.awt.event.ActionEvent evt) {
                    jButton2ActionPerformed(evt);
                }
            });

            javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
            getContentPane().setLayout(layout);
            layout.setHorizontalGroup(
                layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(layout.createSequentialGroup()
                        .add(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .add(jLabel1)
                            .add(t1)
                            .add(jButton1)
                            .add(jButton2))
                        .addContainerGap(150, Short.MAX_VALUE))
            );
        }
    }

```



```

        .addGap(131, 131, 131)
    .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 182,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(95, 95, 95)
    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 182,
        javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(layout.createSequentialGroup())
        .addGap(43, 43, 43)
        .addComponent(jLabel1))
        .addGroup(layout.createSequentialGroup())
        .addGap(69, 69, 69)
    .addComponent(t1, javax.swing.GroupLayout.PREFERRED_SIZE, 586,
        javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap(63, Short.MAX_VALUE))
    );
    layout.setVerticalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup())
        .addGap(68, 68, 68)
        .addComponent(jLabel1)
        .addGap(60, 60, 60)
    .addComponent(t1, javax.swing.GroupLayout.PREFERRED_SIZE, 50,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(82, 82, 82)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
            javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap(73, Short.MAX_VALUE))
    );

    pack();
    setLocationRelativeTo(null);
} // </editor-fold>

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String url="jdbc:mysql://localhost/library";
    String user="root";
    String pwd="Harini@2005";
    String input=t1.getText();
    String query="delete from books where book_id='"+input+"' or name='"+input+"';";
    try{
        Connection conn=DriverManager.getConnection(url,user,pwd);
        Statement stm=conn.createStatement();
        int rows=stm.executeUpdate(query);
        if(rows>0)
            JOptionPane.showMessageDialog(this, "Book removed from library");
    }
}

```

```

        else
            JOptionPane.showMessageDialog(this, "No such book available");
            stm.close();
        }
        catch(Exception e){
            JOptionPane.showMessageDialog(this, e.getMessage());
        }

    }

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        this.dispose();
    }

    /**
     * @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(Remove_Books.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

            java.util.logging.Logger.getLogger(Remove_Books.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {

            java.util.logging.Logger.getLogger(Remove_Books.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

            java.util.logging.Logger.getLogger(Remove_Books.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 Remove_Books().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.JTextField t1;
// End of variables declaration
}

import java.sql.*;
import javax.swing.*;
/**
 *
 * @author Harini
 */
public class Remove_Staff extends javax.swing.JFrame {

    /**
     * Creates new form Remove_Staff
     */
    public Remove_Staff() {
        initComponents();
        setDefaultCloseOperation(Remove_Staff.DISPOSE_ON_CLOSE);
    }

    /**
     * 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() {

        jLabel1 = new javax.swing.JLabel();
        jScrollPane1 = new javax.swing.JScrollPane();
        t1 = new javax.swing.JTextField();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();
    }
}

```

```

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jLabel1.setFont(new java.awt.Font("Serif", 1, 24)); // NOI18N
jLabel1.setText("ENTER STAFF ID OR STAFF NAME TO DELETE");

jScrollPane1.setViewportView(t1);

jButton1.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jButton1.setText("DELETE");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jButton2.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jButton2.setText("CANCEL");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)
                .addGroup(layout.createSequentialGroup()
                    .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 158, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 158, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(layout.createSequentialGroup()
                    .addGap(169, 169, 169)))
            .addContainerGap())
        .addGroup(layout.createSequentialGroup()
            .add(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 538, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap())
);

```

```

        layout.setVerticalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(61, 61, 61)
            .addComponent(jLabel1)
            .addGap(54, 54, 54)
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 53,
            javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(71, 71, 71)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 47,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 47,
                javax.swing.GroupLayout.PREFERRED_SIZE))
            .addContainerGap(92, Short.MAX_VALUE))
        );

        pack();
        setLocationRelativeTo(null);
    } // </editor-fold>

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String url="jdbc:mysql://localhost/library";
    String user="root";
    String pwd="Harini@2005";
    String input=t1.getText();
    String query="delete from staff where staff_id='"+input+"' or name='"+input+"';";
    try{
        Connection conn=DriverManager.getConnection(url,user,pwd);
        Statement stm=conn.createStatement();
        int rows=stm.executeUpdate(query);
        if(rows>0)
            JOptionPane.showMessageDialog(this, "Staff removed from the library");
        else
            JOptionPane.showMessageDialog(this, "No such staff is present");

        stm.close();
    }
    catch(Exception e){
        JOptionPane.showMessageDialog(this, e.getMessage());
    }
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    this.dispose();
}

```

```

        /**
        * @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(Remove_Staff.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
            } catch (InstantiationException ex) {

                java.util.logging.Logger.getLogger(Remove_Staff.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
            } catch (IllegalAccessException ex) {

                java.util.logging.Logger.getLogger(Remove_Staff.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
            } catch (javax.swing.UnsupportedLookAndFeelException ex) {

                java.util.logging.Logger.getLogger(Remove_Staff.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 Remove_Staff().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.JScrollPane jScrollPane1;

```

```

private javax.swing.JTextPane t1;
// End of variables declaration
}
remove staff

```

Edit Books

* Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
*/

```

import java.sql.*;
import javax.swing.*;

```

```

/**
 *

```

```

* @author Harini
*/

```

```

public class Edit_Admin extends javax.swing.JFrame {

```

```

/**

```

```

* Creates new form Edit_Admin
*/

```

```

    public Edit_Admin() {
        initComponents();
        setDefaultCloseOperation(Edit_Admin.DISPOSE_ON_CLOSE);
    }

```

```

/**

```

* 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() {

```

```

        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jScrollPane1 = new javax.swing.JScrollPane();
        t1 = new javax.swing.JTextPane();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();
        columnlist = new javax.swing.JComboBox<>();

```

```

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

```

```

        jLabel1.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
        jLabel1.setText("EDIT THE CONTENT");

```

```

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel2.setText("ENTER THE VALUE TO BE UPDATED");

jScrollPane1.setViewportView(t1);

jButton1.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jButton1.setText("UPDATE");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jButton2.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jButton2.setText("CANCEL");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

columnlist.setFont(new java.awt.Font("Segoe UI", 1, 18)); // NOI18N
columnlist.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "User_id",
    "Name", "Password", "Contact" }));

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel1)
            .addGap(47, 47, 47)
            .addComponent(columnlist, javax.swing.GroupLayout.PREFERRED_SIZE, 259,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(101, 101, 101)
            .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 468,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(125, 125, 125)
            .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 142,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(106, 106, 106)
            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 141,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addGroup(layout.createSequentialGroup()
            .addGap(52, 52, 52)
            .addComponent(jLabel2)
            .addGap(47, 47, 47)
            .addComponent(columnlist, javax.swing.GroupLayout.PREFERRED_SIZE, 259,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(101, 101, 101)
            .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 468,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(125, 125, 125)
            .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 142,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(106, 106, 106)
            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 141,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
);

```



```

        .addGap(132, 132, 132)
        .addComponent(jLabel2)))
    .addContainerGap(89, Short.MAX_VALUE)
    );
    layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(67, 67, 67)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel1)
                .addComponent(columnlist, javax.swing.GroupLayout.PREFERRED_SIZE, 50,
                    javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(55, 55, 55)
            .addComponent(jLabel2)
            .addGap(31, 31, 31)
            .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 52,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(51, 51, 51)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
                false)
                .addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SIZE,
                    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SIZE, 42,
                    Short.MAX_VALUE))
            .addContainerGap(50, Short.MAX_VALUE))
        );

    pack();
    setLocationRelativeTo(null);
} // </editor-fold>

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String url="jdbc:mysql://localhost/library";
    String user="root";
    String pwd="Harini@2005";
    String column=columnlist.getSelectedItem().toString();
    String id=t1.getText();
    String query = "UPDATE admin SET " + column + "='" + id + "'";

    try{
        Connection conn=DriverManager.getConnection(url,user,pwd);
        Statement stmt=conn.createStatement();
        int rows=stmt.executeUpdate(query);
        if(rows>0)
        JOptionPane.showMessageDialog(this, "Credentials updated successfully");

        t1.setText("");
    }
}

```

```

        }
        catch(Exception e){
            JOptionPane.showMessageDialog(this, e);
        }
    }

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        this.dispose();
    }

    /**
     * @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(Remove_Staff.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

            java.util.logging.Logger.getLogger(Remove_Staff.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {

            java.util.logging.Logger.getLogger(Remove_Staff.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

            java.util.logging.Logger.getLogger(Remove_Staff.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 Edit_Admin().setVisible(true);  
        }  
    }  
};  
}
```

```
    // Variables declaration - do not modify  
private javax.swing.JComboBox<String> columnlist;  
    private javax.swing.JButton jButton1;  
    private javax.swing.JButton jButton2;  
    private javax.swing.JLabel jLabel1;  
    private javax.swing.JLabel jLabel2;  
private javax.swing.JScrollPane jScrollPane1;  
    private javax.swing.JTextPane t1;  
    // End of variables declaration  
}
```