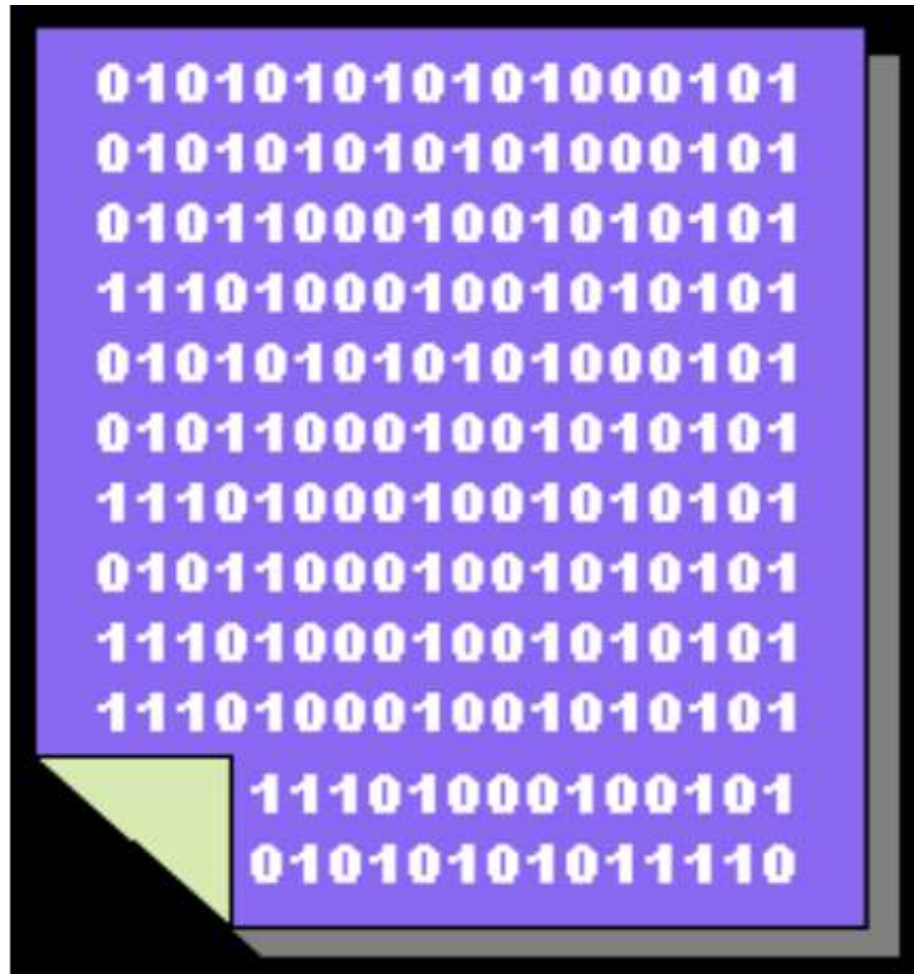


SOURCE CODE



LOGIN

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

```
/*
```

```
 * 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 RIZWAN
```

```
*/
```

```
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() {

    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jTextField1 = new javax.swing.JTextField();
    jPasswordField1 = new javax.swing.JPasswordField();
    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    setTitle("Login");
    setBackground(new java.awt.Color(255, 255, 255));

    jLabel1.setFont(new java.awt.Font("Adobe Devanagari", 1, 36)); // NOI18N
    jLabel1.setForeground(new java.awt.Color(102, 102, 255));
    jLabel1.setText("Login");

    jLabel2.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
    jLabel2.setText("Username ");

    jLabel3.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
    jLabel3.setText("Password");

    jTextField1.setForeground(new java.awt.Color(51, 51, 51));
    jTextField1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jTextField1ActionPerformed(evt);
        }
    })
}
```

```
});
```

```
jButton1.setBackground(new java.awt.Color(51, 255, 204));  
jButton1.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N  
jButton1.setText("Login");  
jButton1.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton1ActionPerformed(evt);  
    }  
});
```

```
jButton2.setBackground(new java.awt.Color(255, 0, 0));  
jButton2.setFont(new java.awt.Font("Segoe UI", 1, 14)); // 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()  
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .addGroup(layout.createSequentialGroup()  
                    .addGap(167, 167, 167)  
                    .addComponent(jLabel1)  
                )  
                .addGroup(layout.createSequentialGroup()  
                    .addGap(50, 50, 50)  
                )  
            )  
        )  
    );
```

```

        .addComponent(jLabel2)

        .addGap(60, 60, 60)

        .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE, 147,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGroup(layout.createSequentialGroup())

        .addGap(50, 50, 50)

        .addComponent(jLabel3)

        .addGap(76, 76, 76)

        .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE, 147,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGroup(layout.createSequentialGroup())

        .addGap(100, 100, 100)

        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 80,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(40, 40, 40)

        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 80,
javax.swing.GroupLayout.PREFERRED_SIZE)))

        .addContainerGap(70, Short.MAX_VALUE))
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup())
            .addGap(17, 17, 17)
            .addComponent(jLabel1)
            .addGap(54, 54, 54)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel2)

                .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

            .addGap(28, 28, 28)

            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel3)

```

```

        .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(48, 48, 48)

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

            .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addContainerGap(46, Short.MAX_VALUE))

    );

```

```

    pack();

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

```

```

private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {

    // TODO add your handling code here:

}

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

if(jTextField1.getText().equals("admin")&&jPasswordField1.getText().equals("12345")) {

    setVisible(false);

    new Home().setVisible(true);

}

else{

OptionPane.showMessageDialog(null,"Incorrect Username or Password.");

}

// TODO add your handling code here:

}

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

System.exit(0);    // TODO add your handling code here:

```

```

    }

    /**
     * @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.JPasswordField jPasswordField1;  
private javax.swing.JTextField jTextField1;  
// End of variables declaration  
}
```


HOME

```
/*
 * 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 RIZWAN
 */
public class Home extends javax.swing.JFrame {

    /**
     * Creates new form Home
     */
    public Home() {
        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();
    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jButton3 = new javax.swing.JButton();
    jButton4 = new javax.swing.JButton();
    jButton5 = new javax.swing.JButton();
    jButton6 = new javax.swing.JButton();
    jButton7 = new javax.swing.JButton();
    jButton9 = new javax.swing.JButton();

    jLabel1.setText("jLabel1");

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    setTitle("Home");

    jButton1.setBackground(new java.awt.Color(204, 255, 255));
    jButton1.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
    jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Customer
Registration.png"))); // NOI18N
    jButton1.setText(" Customer");
    jButton1.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton1ActionPerformed(evt);
        }
    });

    jButton2.setBackground(new java.awt.Color(204, 255, 255));
    jButton2.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
```

```

jButton2.setForeground(new java.awt.Color(0, 204, 255));

jButton2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Menu.png"))); // NOI18N

jButton2.setText(" Car Rental System");

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

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

        jButton2ActionPerformed(evt);

    }

});

jButton3.setBackground(new java.awt.Color(204, 255, 255));

jButton3.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

jButton3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Car Rental.png"))); //
NOI18N

jButton3.setText(" Car Rental ");

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

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

        jButton3ActionPerformed(evt);

    }

});

jButton4.setBackground(new java.awt.Color(204, 255, 255));

jButton4.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

jButton4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Car Received.png"))); //
NOI18N

jButton4.setText(" Car Return ");

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

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

        jButton4ActionPerformed(evt);

    }

});

jButton5.setBackground(new java.awt.Color(204, 255, 255));

```

```

        jButton5.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
        jButton5.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Report.png"))); //
NOI18N
        jButton5.setText("  Report    ");
        jButton5.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton5ActionPerformed(evt);
            }
        });

        jButton6.setBackground(new java.awt.Color(204, 255, 255));
        jButton6.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
        jButton6.setIcon(new javax.swing.ImageIcon(getClass().getResource("/LogOut.png"))); //
NOI18N
        jButton6.setText("Log Out");
        jButton6.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton6ActionPerformed(evt);
            }
        });

        jButton7.setBackground(new java.awt.Color(204, 255, 255));
        jButton7.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
        jButton7.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Exit.png"))); // NOI18N
        jButton7.setText("  Exit      ");
        jButton7.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton7ActionPerformed(evt);
            }
        });

        jButton9.setBackground(new java.awt.Color(204, 255, 255));

```

```
jButton9.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
jButton9.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Car Registration.png")));
// NOI18N

jButton9.setText("Car Registration");

jButton9.addActionListener(new java.awt.event.ActionListener() {

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

        jButton9ActionPerformed(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(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE, 230,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addGap(60, 60, 60)

                .addComponent(jButton7, javax.swing.GroupLayout.PREFERRED_SIZE, 240,
javax.swing.GroupLayout.PREFERRED_SIZE))

            .addGroup(layout.createSequentialGroup()

                .addGap(60, 60, 60)

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

                    .add(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 230,
javax.swing.GroupLayout.PREFERRED_SIZE)

                    .addComponent(jButton9, javax.swing.GroupLayout.PREFERRED_SIZE, 230,
javax.swing.GroupLayout.PREFERRED_SIZE)))

            .addContainerGap())

        .addGroup(layout.createSequentialGroup()

            .add(jButton9, javax.swing.GroupLayout.PREFERRED_SIZE, 230,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addContainerGap())

    );
```

```

        .addGap(30, 30, 30)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 240,
            javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 240,
            javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 500,
            javax.swing.GroupLayout.PREFERRED_SIZE)))
    .addGroup(layout.createSequentialGroup())
        .addGap(221, 221, 221)
        .addComponent(jButton6, javax.swing.GroupLayout.PREFERRED_SIZE, 180,
            javax.swing.GroupLayout.PREFERRED_SIZE)))
    .addContainerGap(69, Short.MAX_VALUE))
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addContainerGap(44, Short.MAX_VALUE)
        .addComponent(jButton2)
        .addGap(30, 30, 30)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jButton9, javax.swing.GroupLayout.PREFERRED_SIZE, 100,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 100,
                javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(35, 35, 35)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 100,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 100,
                javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(29, 29, 29)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

```

```

        .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE, 100,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jButton7, javax.swing.GroupLayout.PREFERRED_SIZE, 100,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(26, 26, 26)

        .addComponent(jButton6, javax.swing.GroupLayout.PREFERRED_SIZE, 80,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(42, 42, 42))

    );

    pack();

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

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    new CustomerRegistration().setVisible(true);
// TODO add your handling code here
}

```

```

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
    new Report().setVisible(true); // TODO add your handling code here:
}

```

```

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

}

```

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    new CarRental().setVisible(true); // TODO add your handling code here:
}

```

```

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {

```

```

setVisible(false);

new Login().setVisible(true);// TODO add your handling code here:

}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
new CarReturn().setVisible(true);    // TODO add your handling code here:
}

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
System.exit(0);    // TODO add your handling code here:
}

private void jButton9ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:

new CarRegistration().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(Home.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (InstantiationException ex) {
    java.util.logging.Logger.getLogger(Home.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (IllegalAccessException ex) {
    java.util.logging.Logger.getLogger(Home.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {
    java.util.logging.Logger.getLogger(Home.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 Home().setVisible(true);
    }
});
}

```

```

// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;

```

```
private javax.swing.JButton jButton5;  
private javax.swing.JButton jButton6;  
private javax.swing.JButton jButton7;  
private javax.swing.JButton jButton9;  
private javax.swing.JLabel jLabel1;  
// End of variables declaration  
}
```

CAR REGISTRATION

```
import java.util.logging.Level;

import java.util.logging.Logger;

import java.sql.*;

import javax.swing.JOptionPane;

/*
 * 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 RIZWAN
 */

public class CarRegistration extends javax.swing.JFrame {

    /**
     * Creates new form Book
     */

    public CarRegistration() {
        initComponents();
        Connection();
    }

    Connection con;

    PreparedStatement pst;
```

```

public void Connection(){

    try {

        Class.forName("org.sqlite.JDBC");
        con = DriverManager.getConnection("jdbc:sqlite:DB\\Database.sqlite");
    }

    catch (ClassNotFoundException ex) {
        Logger.getLogger(CustomerRegistration.class.getName()).log(Level.SEVERE, null, ex);
    } catch (SQLException ex) {
        Logger.getLogger(CustomerRegistration.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() {

```

```

    jButton1 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jLabel1 = 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();
txtvname = new javax.swing.JTextField();
txtmodel = new javax.swing.JTextField();
txtprice = new javax.swing.JTextField();
txtrent = new javax.swing.JTextField();
jButton3 = new javax.swing.JButton();
jButton4 = new javax.swing.JButton();
txtstatus = new javax.swing.JComboBox<>();

jButton1.setBackground(new java.awt.Color(102, 255, 102));
jButton1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jButton1.setForeground(new java.awt.Color(255, 255, 255));
jButton1.setText("Save");

jButton2.setBackground(new java.awt.Color(255, 0, 0));
jButton2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jButton2.setForeground(new java.awt.Color(255, 255, 255));
jButton2.setText("Exit");

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 36)); // NOI18N
jLabel1.setForeground(new java.awt.Color(0, 0, 102));
jLabel1.setText("Car Registration");

jLabel3.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
jLabel3.setText("Price");
```

```
jLabel4.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N  
jLabel4.setText("Car Name");
```

```
jLabel5.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N  
jLabel5.setText("Model");
```

```
jLabel6.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N  
jLabel6.setText("Status");
```

```
jLabel7.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N  
jLabel7.setText("Rent");
```

```
jButton3.setBackground(new java.awt.Color(102, 255, 102));  
jButton3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N  
jButton3.setForeground(new java.awt.Color(255, 255, 255));  
jButton3.setText("Save");  
jButton3.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton3ActionPerformed(evt);  
    }  
});
```

```
jButton4.setBackground(new java.awt.Color(255, 0, 0));  
jButton4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N  
jButton4.setForeground(new java.awt.Color(255, 255, 255));  
jButton4.setText("Exit");  
jButton4.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton4ActionPerformed(evt);  
    }  
});
```

```

txtstatus.setForeground(new java.awt.Color(102, 102, 102));

txtstatus.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Select Status",
"Available", "Not Available" }));

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

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

        txtstatusActionPerformed(evt);

    }

});

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

layout.setHorizontalGroup(

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

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

            .addGap(61, 61, 61)

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

                .addComponent(jLabel4)

                .addComponent(jLabel5)

                .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 85,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(jLabel6)

                .addComponent(jLabel3))

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

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

                .addComponent(txtmodel, javax.swing.GroupLayout.DEFAULT_SIZE, 217,
Short.MAX_VALUE)

                .addComponent(txtprice, javax.swing.GroupLayout.DEFAULT_SIZE, 217,
Short.MAX_VALUE)

                .addComponent(txtvname, javax.swing.GroupLayout.DEFAULT_SIZE, 217,
Short.MAX_VALUE)

```

```

        .addComponent(txtrent, javax.swing.GroupLayout.DEFAULT_SIZE, 217,
Short.MAX_VALUE)

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

        .addGap(61, 61, 61))

    .addGroup(layout.createSequentialGroup()

        .addGap(103, 103, 103)

        .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 81,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(59, 59, 59)

        .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 81,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addContainerGap(111, Short.MAX_VALUE))

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

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

        .addComponent(jLabel1)

        .addGap(76, 76, 76))

    );

    layout.setVerticalGroup(

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

        .addGroup(layout.createSequentialGroup()

            .addGap(24, 24, 24)

            .addComponent(jLabel1)

            .addGap(60, 60, 60)

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

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

                .addComponent(jLabel4))

            .addGap(30, 30, 30)

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

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

                .addComponent(jLabel5))

```



```

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 36,
Short.MAX_VALUE)

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

            .addComponent(jLabel7)

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

        .addGap(33, 33, 33)

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

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

            .addComponent(jLabel3))

        .addGap(34, 34, 34)

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

            .addComponent(jLabel6)

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

        .addGap(53, 53, 53)

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

            .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(50, 50, 50))

    );

    pack();

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

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    setVisible(false);
}

```

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    if(txtvname.getText().equals("") || txtstatus.getSelectedItem().equals("Select
Status") || txtmodel.getText().equals("") || txtrent.getText().equals("") || txtprice.getText().equals(""))
    {
        JOptionPane.showMessageDialog(this, "Please fill all the columns!");
    }

    else{
        try{

            String CarName = txtvname.getText();
            String Status = txtstatus.getSelectedItem().toString();
            String Model=txtmodel.getText();
            String Rent =txtrent.getText();
            String Price=txtprice.getText();

            pst = con.prepareStatement("INSERT INTO Car(CarName,Model, Rent, Price, Status)
values(?,?,?,?,?)");

            pst.setString(1,CarName);
            pst.setString(2,Model);
            pst.setString(3,Rent);
            pst.setString(4,Price);
            pst.setString(5,Status);

            pst.executeUpdate();

            JOptionPane.showMessageDialog(this, "Successfully Saved!");

            txtvname.setText("");
            txtstatus.setSelectedItem("Select Status");

```

```

        txtmodel.setText("");
        txtrent.setText("");
        txtprice.setText("");

        txtvname.requestFocus();

        pst.close();

    }

    catch (SQLException ex) {

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

    }

}

// TODO add your handling code here:

}

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

    // TODO add your handling code here:

}

/**
 * @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 ("Windows".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {

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

    } catch (InstantiationException ex) {

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

    } catch (IllegalAccessException ex) {

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

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

    }

    //</editor-fold>

```

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

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

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

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

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

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

```
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 jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel6;  
private javax.swing.JLabel jLabel7;  
private javax.swing.JTextField txtmodel;  
private javax.swing.JTextField txtprice;  
private javax.swing.JTextField txtrent;  
private javax.swing.JComboBox<String> txtstatus;  
private javax.swing.JTextField txtvname;  
  
// End of variables declaration  
}
```

CUSTOMER REGISTRATION

```
import java.util.logging.Level;
import java.util.logging.Logger;
import java.sql.*;
import javax.swing.JOptionPane;
/*
 * 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 RIZWAN
 */
public class CustomerRegistration extends javax.swing.JFrame {

    /**
     * Creates new form Student
     */
    public CustomerRegistration() {
        initComponents();
        Connection();
    }
    Connection con;
    PreparedStatement pst;
    public void Connection(){
```

```

try {
    Class.forName("org.sqlite.JDBC");
    con = DriverManager.getConnection("jdbc:sqlite:DB\\Database.sqlite");

}

catch (ClassNotFoundException ex) {
    Logger.getLogger(CustomerRegistration.class.getName()).log(Level.SEVERE, null, ex);
} catch (SQLException ex) {
    Logger.getLogger(CustomerRegistration.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.
 */

```

```

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

```

```

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

```

```

private void initComponents() {

```

```
jLabel1 = new javax.swing.JLabel();
jLabel3 = new javax.swing.JLabel();
jLabel4 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
jLabel6 = new javax.swing.JLabel();
txtmobile = new javax.swing.JLabel();
txtcname = new javax.swing.JTextField();
txtadd = new javax.swing.JTextField();
jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();
txtcity = new javax.swing.JTextField();
txtmob = new javax.swing.JTextField();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 36)); // NOI18N
jLabel1.setForeground(new java.awt.Color(0, 0, 102));
jLabel1.setText("Customer Registration");

jLabel3.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
jLabel3.setText("Name");

jLabel4.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
jLabel4.setText("City");

jLabel5.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
jLabel5.setText("Address");

txtmobile.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
txtmobile.setText("Mobile No.");
```



```
txtcname.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        txtcnameActionPerformed(evt);  
    }  
});
```

```
txtadd.addKeyListener(new java.awt.event.KeyAdapter() {  
    public void keyPressed(java.awt.event.KeyEvent evt) {  
        txtaddKeyPressed(evt);  
    }  
});
```

```
jButton1.setBackground(new java.awt.Color(102, 255, 102));  
jButton1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N  
jButton1.setForeground(new java.awt.Color(255, 255, 255));  
jButton1.setText("Save");  
jButton1.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton1ActionPerformed(evt);  
    }  
});
```

```
jButton2.setBackground(new java.awt.Color(255, 0, 0));  
jButton2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N  
jButton2.setForeground(new java.awt.Color(255, 255, 255));  
jButton2.setText("Exit");  
jButton2.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton2ActionPerformed(evt);  
    }  
});
```

```
txtcity.addKeyListener(new java.awt.event.KeyAdapter() {  
    public void keyPressed(java.awt.event.KeyEvent evt) {  
        txtcityKeyPressed(evt);  
    }  
});
```

```
txtmob.addKeyListener(new java.awt.event.KeyAdapter() {  
    public void keyPressed(java.awt.event.KeyEvent evt) {  
        txtmobKeyPressed(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(168, 168, 168)  
                    .addComponent(jLabel6)  
                )  
                .addGroup(layout.createSequentialGroup()  
                    .addGap(113, 113, 113)  
                    .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 81,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
                    .addGap(64, 64, 64)  
                    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 81,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
                )  
            )  
            .addGroup(layout.createSequentialGroup()  
                .addGap(47, 47, 47)  
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```

        .addComponent(jLabel3)
        .addComponent(jLabel5)
        .addComponent(jLabel4)
        .addComponent(txtmobile))
    .addGap(65, 65, 65)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(txtcity, javax.swing.GroupLayout.PREFERRED_SIZE, 217,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
            .addComponent(txtadd, javax.swing.GroupLayout.DEFAULT_SIZE, 217,
Short.MAX_VALUE)
            .addComponent(txtcname, javax.swing.GroupLayout.DEFAULT_SIZE, 217,
Short.MAX_VALUE)
            .addComponent(txtmob, javax.swing.GroupLayout.DEFAULT_SIZE, 217,
Short.MAX_VALUE))))))
    .addContainerGap(47, Short.MAX_VALUE))
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup())
    .addGap(0, 0, Short.MAX_VALUE)
    .addComponent(jLabel1)
    .addGap(55, 55, 55))
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addGap(15, 15, 15)
        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 44,
Short.MAX_VALUE)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(txtcname, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

```

```

        .addComponent(jLabel3, javax.swing.GroupLayout.Alignment.TRAILING))
    .addGap(41, 41, 41)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel5)
        .addComponent(txtadd, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(38, 38, 38)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(txtcity, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel4))
    .addGap(41, 41, 41)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(txtmobile)
        .addComponent(txtmob, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(56, 56, 56)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(40, 40, 40)
    .addComponent(jLabel6))
);

```

```

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

```

```

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

```

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

    if(txtcname.getText().equals("") || txtadd.getText().equals("") || txtmob.getText().equals("") || txtcity.g
    etText().equals("")) {

        JOptionPane.showMessageDialog(this, "Please fill all the columns!");

    }

    else{

    try{

        String CustomerName = txtcname.getText();

        String Address = txtadd.getText();

        String City = txtcity.getText();

        String Mobile = txtmob.getText();

        pst = con.prepareStatement("INSERT INTO Customer(CustomerName, Address, City, Mobile)
VALUES(?,?,?,?)");

        pst.setString(1, CustomerName);

        pst.setString(2, Address);

        pst.setString(3, City);

        pst.setString(4, Mobile);

        pst.executeUpdate();

        JOptionPane.showMessageDialog(this, "Successfully Saved!");

    }

    catch (SQLException ex) {

        JOptionPane.showMessageDialog(this, "Error: " + ex.getMessage());

    }

    }
```

```
txtcname.setText("");
```

```
txtadd.setText("");
```

```
txtcity.setText("");
```

```
txtmob.setText("");
```

```
txtcname.requestFocus();
```

```
pst.close();
```

```
}
```

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

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

```
}
```

```
}
```

```
}
```

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

```
}
```

```

private void txtcityKeyPressed(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:
}

private void txtmobKeyPressed(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:
}

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

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

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

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

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

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

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

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

```
    }
```

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

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

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

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

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

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

```
    public void run() {
```

```
        new CustomerRegistration().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 jLabel3;
```



```
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel6;  
private javax.swing.JTextField txtadd;  
private javax.swing.JTextField txtcity;  
private javax.swing.JTextField txtcname;  
private javax.swing.JTextField txtmob;  
private javax.swing.JLabel txtmobile;  
// End of variables declaration  
  
}
```

CAR RENTAL

```
import java.util.logging.Level;
import java.util.logging.Logger;
import java.sql.*;
import java.text.SimpleDateFormat;
import javax.swing.JOptionPane;
/*
 * 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 RIZWAN
 */
public class CarRental extends javax.swing.JFrame {

    /**
     * Creates new form BookIssue
     */
    public CarRental() {
        initComponents();
        Connection();
    }
}
```

```
private Connection con;
```

```
private PreparedStatement pst;
```

```
public void Connection(){
```

```
try {
```

```
    Class.forName("org.sqlite.JDBC");
```

```
    con = DriverManager.getConnection("jdbc:sqlite:DB\\Database.sqlite");
```

```
}
```

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

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

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

```
    Logger.getLogger(CustomerRegistration.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() {

    jYearChooser1 = new com.toedter.calendar.JYearChooser();

    jLabel7 = new javax.swing.JLabel();

    txtcarid = new javax.swing.JTextField();

    txtcustid = new javax.swing.JTextField();

    jLabel1 = new javax.swing.JLabel();

    jLabel3 = new javax.swing.JLabel();

    jLabel4 = new javax.swing.JLabel();

    jButton3 = new javax.swing.JButton();

    jButton4 = new javax.swing.JButton();

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

    setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

    jLabel7.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
    jLabel7.setText("Date");

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

    jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 36)); // NOI18N
    jLabel1.setForeground(new java.awt.Color(0, 0, 102));
    jLabel1.setText("Car Rental");

    jLabel3.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
    jLabel3.setText("Car ID");
```

```
jLabel4.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
```

```
jLabel4.setText("Customer ID");
```

```
jButton3.setBackground(new java.awt.Color(102, 255, 102));
```

```
jButton3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
```

```
jButton3.setForeground(new java.awt.Color(255, 255, 255));
```

```
jButton3.setText("Save");
```

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

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

```
        jButton3ActionPerformed(evt);
```

```
    }
```

```
});
```

```
jButton4.setBackground(new java.awt.Color(255, 0, 0));
```

```
jButton4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
```

```
jButton4.setForeground(new java.awt.Color(255, 255, 255));
```

```
jButton4.setText("Exit");
```

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

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

```
        jButton4ActionPerformed(evt);
```

```
    }
```

```
});
```

```
txtdate.setDateFormatString("dd-MM-yyyy"); // NOI18N
```

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

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

```
layout.setHorizontalGroup(
```

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

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

```
            .addGap(60, 60, 60)
```

```

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jLabel3)
            .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 85,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel4))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
            .addComponent(txtcustid, javax.swing.GroupLayout.DEFAULT_SIZE, 217,
Short.MAX_VALUE)
            .addComponent(txtcarid, javax.swing.GroupLayout.DEFAULT_SIZE, 217,
Short.MAX_VALUE)
            .addComponent(txtdate, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addGap(60, 60, 60))
    .addGroup(layout.createSequentialGroup())
        .addGap(101, 101, 101)
        .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 81,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(60, 60, 60)
        .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 81,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(120, Short.MAX_VALUE))
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup())
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(jLabel1)
        .addGap(130, 130, 130))
);

layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup())
        .addGap(21, 21, 21)
        .addComponent(jLabel1)

```

```

        .addGap(65, 65, 65)

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

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

            .addComponent(jLabel3))

        .addGap(41, 41, 41)

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

            .addComponent(jLabel4)

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

        .addGap(37, 37, 37)

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

            .addComponent(jLabel7)

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

        .addGap(70, 70, 70)

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

            .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addContainerGap(30, Short.MAX_VALUE))
    );

```

```

    pack();

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

```

```

    private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
setVisible(false);    // TODO add your handling code here:
    }

```

```

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

```

```

if(txtcarid.getText().equals("") || txtcustid.getText().equals("")) {

    JOptionPane.showMessageDialog(this, "Please fill all the columns!");

}

else{

try{

    String CarID = txtcarid.getText();

    String CustomerID =txtcustid.getText();

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

    String IssueDate =df.format(txtdate.getDate());

    Statement stmt = con.createStatement();

    ResultSet rs = stmt.executeQuery("select CustomerID from Customer where
CustomerID='"+CustomerID+"' ");

    if(rs.next()){

        ResultSet rs1 = stmt.executeQuery("select CarID from Car where CarID='"+CarID+"' ");

        if(rs1.next()){

```



```
ResultSet rs2 = stmt.executeQuery("select Status from Car where CarID='"+CarID+"' ");  
rs2.next();  
String a = rs2.getString("Status");  
String b= "Available";  
if(a.equals(b)){
```

```
    pst = con.prepareStatement("insert into CarIssue(CarID,CustomerID,IssueDate)values(?,?,?)");  
    pst.setString(1,CarID);  
    pst.setString(2,CustomerID);  
    pst.setString(3,IssueDate);  
  
    pst.executeUpdate();
```

```
    JOptionPane.showMessageDialog(this, "Successfully Saved!");
```

```
    txtcustid.setText("");  
    txtcarid.setText("");  
  
    txtdate.setDate(null);  
  
    txtcarid.requestFocus();
```

```
        pst= con.prepareStatement("UPDATE Car SET Status = 'Not Available' WHERE CarID = ?");

        pst.setString(1,CarID);

        pst.executeUpdate();

        rs.close();
        rs1.close();
        rs2.close();
        pst.close();
    }
    else{JOptionPane.showMessageDialog(this, "This car is not available!");}
    }
    else{JOptionPane.showMessageDialog(this, "Invalid Car ID!");

    }}

    else{

        JOptionPane.showMessageDialog(this, "Invalid Customer ID!");
    }

    }

    catch (SQLException ex) {

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

    }
```

```

finally{
    try{

        pst.close();

    }

    catch(Exception e){

    }

}

}

// TODO add your handling code here:
}

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

    // TODO add your handling code here:
}

/**
 * @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 ("Windows".equals(info.getName())) {

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

                    break;

                }

            }

        } catch (ClassNotFoundException ex) {

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

        } catch (InstantiationException ex) {

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

        } catch (IllegalAccessException ex) {

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

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

        }

    }

}

//</editor-fold>

//</editor-fold>

/* Create and display the form */

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

    public void run() {

        new CarRental().setVisible(true);

    }

}

```

```
    });  
}  
  
// Variables declaration - do not modify  
private javax.swing.JButton jButton3;  
private javax.swing.JButton jButton4;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel7;  
private com.toedter.calendar.JYearChooser jYearChooser1;  
private javax.swing.JTextField txtcarid;  
private javax.swing.JTextField txtcustid;  
private com.toedter.calendar.JDateChooser txtdate;  
// End of variables declaration  
}
```

CAR RETURN

```
import java.util.logging.Level;

import java.util.logging.Logger;

import java.sql.*;

import java.text.SimpleDateFormat;

import javax.swing.JOptionPane;

/**
 * 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 RIZWAN
 */
public class CarReturn extends javax.swing.JFrame {

    /**
     * Creates new form ReturnBook
     */
    public CarReturn() {
        initComponents();
        Connection();
    }
}
```

```

private Connection con;

private PreparedStatement pst;

public void Connection(){

    try {

        Class.forName("org.sqlite.JDBC");
        con = DriverManager.getConnection("jdbc:sqlite:DB\\Database.sqlite");
    }

    catch (ClassNotFoundException ex) {
        Logger.getLogger(CustomerRegistration.class.getName()).log(Level.SEVERE, null, ex);
    } catch (SQLException ex) {
        Logger.getLogger(CustomerRegistration.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() {

    jLabel1 = new javax.swing.JLabel();

```

```
jLabel3 = new javax.swing.JLabel();
jLabel4 = new javax.swing.JLabel();
jButton3 = new javax.swing.JButton();
jButton4 = new javax.swing.JButton();
jLabel7 = new javax.swing.JLabel();
txtbid = new javax.swing.JTextField();
txtsid = new javax.swing.JTextField();
txtdt = new com.toedter.calendar.JDateChooser();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);

jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 36)); // NOI18N
jLabel1.setForeground(new java.awt.Color(0, 0, 102));
jLabel1.setText("Car Return");

jLabel3.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
jLabel3.setText("Car ID");

jLabel4.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
jLabel4.setText("Customer ID");

jButton3.setBackground(new java.awt.Color(102, 255, 102));
jButton3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jButton3.setForeground(new java.awt.Color(255, 255, 255));
jButton3.setText("Save");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});
```



```

jButton4.setBackground(new java.awt.Color(255, 0, 0));
jButton4.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
jButton4.setForeground(new java.awt.Color(255, 255, 255));
jButton4.setText("Exit");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});

jLabel7.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N
jLabel7.setText("Date");

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(94, 94, 94)
            .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 81,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(65, 65, 65)
            .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 81,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
false)
            .addGroup(layout.createSequentialGroup()
                .addGap(60, 60, 60)
                .addComponent(jLabel3)

```

```

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 74,
Short.MAX_VALUE)

        .addComponent(txtbid, javax.swing.GroupLayout.PREFERRED_SIZE, 217,
javax.swing.GroupLayout.PREFERRED_SIZE))

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

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

        .addGroup(layout.createSequentialGroup()

            .addGap(60, 60, 60)

            .addComponent(jLabel4))

        .addGroup(layout.createSequentialGroup()

            .addGap(61, 61, 61)

            .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 85,
javax.swing.GroupLayout.PREFERRED_SIZE)))

        .addGap(25, 25, 25)

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

            .addComponent(txtsid, javax.swing.GroupLayout.DEFAULT_SIZE, 217,
Short.MAX_VALUE)

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

        .addContainerGap(60, Short.MAX_VALUE))

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

        .addGap(0, 0, Short.MAX_VALUE)

        .addComponent(jLabel1)

        .addGap(139, 139, 139))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

        .addGap(25, 25, 25)

        .addComponent(jLabel1)

        .addGap(61, 61, 61)

```

```

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel3)
            .addComponent(txtbid, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(41, 41, 41)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jLabel4)
            .addGroup(layout.createSequentialGroup()
                .addGap(2, 2, 2)
                .addComponent(txtsid, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(37, 37, 37)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(jLabel7)
            .addComponent(txtddt, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(67, 67, 67)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap(31, Short.MAX_VALUE))
    );

```

```

    pack();

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

```

```

    private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
setVisible(false);    // TODO add your handling code here:
    }

```

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    if(txtbid.getText().equals("") || txtsid.getText().equals("")) {
        JOptionPane.showMessageDialog(this, "Please fill all the columns!");
    }

    else{
try{

        String CarID = txtbid.getText();

        String CustomerID =txtsid.getText();
        SimpleDateFormat df = new SimpleDateFormat("dd-MM-yyyy");

        String ReturnDate =df.format(txtddt.getDate());

        Statement stmt = con.createStatement();

        ResultSet rs = stmt.executeQuery("select CustomerID,CarID from CarIssue where
CustomerID='"+CustomerID+"'and CarID='"+CarID+"' ");

        if(rs.next()){

            ResultSet rs2 = stmt.executeQuery("select Status from Car where CarID='"+CarID+"' ");
            rs2.next();

            String a = rs2.getString("Status");
            String b= "Not Available";

```

```
if(a.equals(b)){
```

```
    pst = con.prepareStatement("insert into  
CarReturn(CarID, CustomerID, ReturnDate) values(?, ?, ?)");
```

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

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

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

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

```
    JOptionPane.showMessageDialog(this, "Successfully Saved!");
```

```
    txtsid.setText("");
```

```
    txtbid.setText("");
```

```
    txtddt.setDate(null);
```

```
    txtbid.requestFocus();
```

```
    pst= con.prepareStatement("UPDATE Car SET Status = 'Available' WHERE CarID = ?");
```

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

```
        pst.executeUpdate();

        rs.close();
        rs2.close();
        pst.close();

    }
    else{JOptionPane.showMessageDialog(this, "Please enter correct details!");}

}

else{

    JOptionPane.showMessageDialog(this, "Please enter correct details!");

}

}

    catch (SQLException ex) {

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

    }

}

}

}

/**
```

```

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

        } catch (InstantiationException ex) {

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

        } catch (IllegalAccessException ex) {

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

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

        }
    }
    //</editor-fold>

```

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

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

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

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

```
private javax.swing.JButton jButton3;  
private javax.swing.JButton jButton4;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel7;  
private javax.swing.JTextField txtbid;  
private com.toedter.calendar.JDateChooser txtdt;  
private javax.swing.JTextField txtsid;  
// End of variables declaration  
}
```


REPORT

```
import java.util.logging.Level;
import java.util.logging.Logger;
import java.sql.*;
/*
 * 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 net.proteanit.sql.DbUtils;

/**
 *
 * @author RIZWAN
 */
public class Report extends javax.swing.JFrame {

    /**
     * Creates new form Report
     */
    public Report() {
        initComponents();
        Connection();
    }

    private Connection con;
```

```
public void Connection(){

try {

    Class.forName("org.sqlite.JDBC");
    con = DriverManager.getConnection("jdbc:sqlite:DB\\Database.sqlite");

    Statement stmt = con.createStatement();
    ResultSet rs = stmt.executeQuery("select* from Customer");
    jTable4.setModel(DbUtils.resultSetToTableModel(rs));

    ResultSet rs1 = stmt.executeQuery("select* from Car");
    jTable1.setModel(DbUtils.resultSetToTableModel(rs1));

    ResultSet rs2 = stmt.executeQuery("select
Carlssue.IssueDate,Carlssue.IssueRefNo,Car.CarID,Car.CarName,Car.Model,Car.Rent,Car.Price,Custo
mer.CustomerID,Customer.CustomerName from Carlssue inner join Car inner join Customer where
Carlssue.CarID=Car.CarID and Carlssue.CustomerID=Customer.CustomerID");

    jTable2.setModel(DbUtils.resultSetToTableModel(rs2));

    ResultSet rs3 = stmt.executeQuery("select CarReturn.ReturnDate,CarReturn.ReturnRefNo,
CarReturn.CarID,Car.CarName,Car.Model,Car.Rent,Car.Price,CarReturn.CustomerID,Customer.Custo
merName,Carlssue.IssueRefNo, Carlssue.IssueDate from Carlssue inner join Car inner join Customer
inner join CarReturn where Carlssue.CarID=Car.CarID and Car.CarID=CarReturn.CarID and
Carlssue.CustomerID=Customer.CustomerID and Customer.CustomerID=CarReturn.CustomerID");

    jTable3.setModel(DbUtils.resultSetToTableModel(rs3));

    rs.close();
    rs1.close();
    rs2.close();
```

```

        rs3.close();

    }

    catch (ClassNotFoundException ex) {
        Logger.getLogger(CustomerRegistration.class.getName()).log(Level.SEVERE, null, ex);
    } catch (SQLException ex) {
        Logger.getLogger(CustomerRegistration.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() {

    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    jScrollPane1 = new javax.swing.JScrollPane();
    jTable1 = new javax.swing.JTable();
    jScrollPane2 = new javax.swing.JScrollPane();
    jTable2 = new javax.swing.JTable();
    jScrollPane3 = new javax.swing.JScrollPane();

```

```
jTable3 = new javax.swing.JTable();

jScrollPane4 = new javax.swing.JScrollPane();

jTable4 = new javax.swing.JTable();

jButton2 = new javax.swing.JButton();


setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);


jLabel1.setBackground(new java.awt.Color(255, 255, 255));
jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel1.setForeground(new java.awt.Color(0, 0, 102));
jLabel1.setText("Issue Details");


jLabel2.setBackground(new java.awt.Color(255, 255, 255));
jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel2.setForeground(new java.awt.Color(0, 0, 102));
jLabel2.setText("Customer List");


jLabel3.setBackground(new java.awt.Color(255, 255, 255));
jLabel3.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel3.setForeground(new java.awt.Color(0, 0, 102));
jLabel3.setText("Car List");


jLabel4.setBackground(new java.awt.Color(255, 255, 255));
jLabel4.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
jLabel4.setForeground(new java.awt.Color(0, 0, 102));
jLabel4.setText("Return Details");


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

```

        {},
        {}
    },
    new String [] {

    }
));
jScrollPane1.setViewportViewView(jTable1);

jTable2.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {
        {},
        {},
        {},
        {}
    },
    new String [] {

    }
));
jScrollPane2.setViewportViewView(jTable2);

jTable3.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {
        {},
        {},
        {},
        {}
    },
    new String [] {

```

```
}  
));  
  
jScrollPane3.setViewportViewView(jTable3);  
  
jTable4.setModel(new javax.swing.table.DefaultTableModel(  
    new Object [][] {  
  
    },  
    new String [] {  
  
    }  
));  
  
jScrollPane4.setViewportViewView(jTable4);  
  
jButton2.setBackground(new java.awt.Color(255, 0, 0));  
jButton2.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N  
jButton2.setForeground(new java.awt.Color(255, 255, 255));  
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()  
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .addGroup(layout.createSequentialGroup()  
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```

        .addGap(27, 27, 27)

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

            .addGroup(layout.createSequentialGroup()

                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 201,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addGap(387, 387, 387)

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

                .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE, 265,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 139,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 550,
Short.MAX_VALUE)

                .addComponent(jScrollPane3)))

                .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 637,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

                .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE, 558,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(jScrollPane4, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.PREFERRED_SIZE, 558, javax.swing.GroupLayout.PREFERRED_SIZE)))

            .addGroup(layout.createSequentialGroup()

                .addGap(537, 537, 537)

                .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 120,
javax.swing.GroupLayout.PREFERRED_SIZE)))

            .addContainerGap(27, Short.MAX_VALUE))
    );

    layout.setVerticalGroup(

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

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

            .addContainerGap(27, Short.MAX_VALUE)

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

```

```

        .addComponent(jLabel2)
        .addComponent(jLabel3))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
            .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 226,
Short.MAX_VALUE)
            .addComponent(jScrollPane4, javax.swing.GroupLayout.PREFERRED_SIZE, 0,
Short.MAX_VALUE))
        .addGap(18, 18, 18)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel1)
            .addComponent(jLabel4))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
            .addComponent(jScrollPane2, javax.swing.GroupLayout.DEFAULT_SIZE, 252,
Short.MAX_VALUE)
            .addComponent(jScrollPane3, javax.swing.GroupLayout.PREFERRED_SIZE, 0,
Short.MAX_VALUE))
        .addGap(18, 18, 18)
        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 54,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(30, 30, 30))
    );

```

```

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

```

```

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

```

```

/**

```



```

* @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(Report.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(Report.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(Report.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(Report.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 Report().setVisible(true);  
        }  
    });  
}  
  
// Variables declaration - do not modify  
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.JScrollPane jScrollPane1;  
private javax.swing.JScrollPane jScrollPane2;  
private javax.swing.JScrollPane jScrollPane3;  
private javax.swing.JScrollPane jScrollPane4;  
private javax.swing.JTable jTable1;  
private javax.swing.JTable jTable2;  
private javax.swing.JTable jTable3;  
private javax.swing.JTable jTable4;  
// End of variables declaration  
}
```