

dbconn.java

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package com.mycompany.tollmanagement;

import java.sql.Connection;
import java.sql.DriverManager;

/**
 *
 * @author aashita
 */
public class dbconn {

    public static void main(String args[])
    {
        Connection con;

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

            con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/tollmanagement","root","Srgp@221");

            System.out.println("Connection Established");

        }
        catch(Exception ex)
        {
            ex.printStackTrace();

        }
    }
}
```

Admin.java

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package com.mycompany.tollmanagement;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.text.DateFormat;
import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;

/**
 *
 * @author aashita
 */
public class Admin extends javax.swing.JFrame {

    /**
     * Creates new form admin
     */
    public Admin() {
        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();
```

```
    txt1 = new javax.swing.JTextField();
```

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

```
    rev1 = new javax.swing.JTextField();
```

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

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

```
    vno1 = new javax.swing.JTextField();
```

```
    jLabel4 = new javax.swing.JLabel();
```

```
    jLabel6 = new javax.swing.JLabel();
```

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

```
    owner1 = new javax.swing.JLabel();
```

```
    aadhaar1 = new javax.swing.JLabel();
```

```
    vtype1 = new javax.swing.JLabel();
```

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

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

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

```
    jLabel8 = new javax.swing.JLabel();
```

```
    booth1 = new javax.swing.JComboBox<>();
```

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

```
jLabel1.setText("Enter date(dd/mm/yyyy) :");
```

```
jLabel2.setText("Total Revenue on this day :");
```

```
findrev.setText("Find revenue");
```

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

```
jLabel3.setText("Enter Vehicle Number :");
```

```
jLabel4.setText("Owner :");
```

```
jLabel6.setText("Aadhaar Card Number :");
```

```
jLabel7.setText("Vehicle Type :");
```

```
finddet.setText("Find Details");
```

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

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

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



```

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jLabel1)
    .addComponent(jLabel8))
.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
    .addComponent(txt1)
    .addComponent(booth1, 0, 268, Short.MAX_VALUE)))
.addGroup(layout.createSequentialGroup()
    .addComponent(jLabel2)
    .addGap(6, 6, 6)
    .addComponent(rev1, javax.swing.GroupLayout.DEFAULT_SIZE, 286,
Short.MAX_VALUE)))
.addGap(26, 26, 26)
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(finddet)
    .addComponent(findrev)))
.addGroup(layout.createSequentialGroup()
    .addGap(92, 92, 92)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
        .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel4)
            .addGap(18, 18, 18)
            .addComponent(owner1, javax.swing.GroupLayout.PREFERRED_SIZE, 397,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGroup(layout.createSequentialGroup()
                .addComponent(jLabel6)
                .addGap(18, 18, 18)
                .addComponent(aadhaar1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
            .addGroup(layout.createSequentialGroup()

```

```

        .addComponent(jLabel7)

        .addGap(18, 18, 18)

        .addComponent(vtype1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))))

    .addGroup(layout.createSequentialGroup())

    .addGap(342, 342, 342)

    .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 86,
javax.swing.GroupLayout.PREFERRED_SIZE)))

    .addContainerGap(54, Short.MAX_VALUE))

);

layout.setVerticalGroup(

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

    .addGroup(layout.createSequentialGroup())

    .addGap(27, 27, 27)

    .addComponent(jLabel12)

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

    .addGroup(layout.createSequentialGroup())

    .addGap(67, 67, 67)

    .addComponent(jLabel1))

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

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

    .addComponent(txt1, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)))

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

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

    .addComponent(findrev)

    .addGroup(layout.createSequentialGroup())

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

    .addComponent(jLabel8)

    .addComponent(booth1, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE))

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

```

```

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel2)
            .addComponent(rev1, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE))))
        .addGap(86, 86, 86)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel3)
            .addComponent(vno1, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(finddet))
        .addGap(47, 47, 47)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel4)
            .addComponent(owner1))
        .addGap(5, 5, 5)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel6)
            .addComponent(aadhaar1))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel7)
            .addComponent(vtype1))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 26,
Short.MAX_VALUE)
        .addComponent(jButton3)
        .addGap(20, 20, 20)
    );

```

```

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

```

```

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

```



```

String dateString = txt1.getText();

java.sql.Date sqlDate = null;

DateFormat formatter = new SimpleDateFormat("MM/dd/yyyy");

Date date = null;

try {
    date = formatter.parse(dateString);
} catch (ParseException ex) {
    Logger.getLogger(Calculate.class.getName()).log(Level.SEVERE, null, ex);
}

sqlDate = new java.sql.Date(date.getTime());


String station=(String) booth1.getSelectedItemAt();

int boothid = 0;

try
{
    Class.forName("java.sql.DriverManager");

    Connection con = (Connection)

DriverManager.getConnection("jdbc:mysql://localhost:3306/tollmanagement","root","aa872002");

    Statement stmt= (Statement) con.createStatement();

    String query="SELECT boothid FROM booth WHERE location='"+station+"'";

    ResultSet rs = stmt.executeQuery(query);

    if(rs.next())
    {
        boothid = Integer.parseInt(rs.getString("boothid"));
    }
}

catch(ClassNotFoundException | SQLException e)
{
    JOptionPane.showMessageDialog(this,e.getMessage());
}

```

```

    }

    try
    {
        Class.forName("java.sql.DriverManager");

        Connection con = (Connection)

DriverManager.getConnection("jdbc:mysql://localhost:3306/tollmanagement","root","aa872002");

        Statement stmt= (Statement) con.createStatement();

        String query="SELECT sum(fare_amt) FROM transactions INNER JOIN fare ON
transactions.fareid=fare.fareid WHERE boothid="+boothid+" AND visitdate='"+sqlDate+"';";

        ResultSet rs = stmt.executeQuery(query);

        if(rs.next())
        {
            String sum = rs.getString("sum(fare_amt)");

            rev1.setText(sum);

        }
    }

    catch(ClassNotFoundException | SQLException e)
    {
        JOptionPane.showMessageDialog(this,e.getMessage());
    }

}

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

    String vno=vno1.getText();

    try
    {
        Class.forName("java.sql.DriverManager");

```

```

        Connection con = (Connection)
DriverManager.getConnection("jdbc:mysql://localhost:3306/tollmanagement","root","aa872002");

        Statement stmt= (Statement) con.createStatement();

        String query="SELECT owner,aadhaar,vehicletype FROM details WHERE
vehicle_no='"+vno+"'";

        ResultSet rs = stmt.executeQuery(query);

        if(rs.next())
        {
            owner1.setText(rs.getString("owner"));

            aadhaar1.setText(rs.getString("aadhaar"));

            vtype1.setText(rs.getString("vehicletype"));
        }
    }

    catch(ClassNotFoundException | SQLException e)
    {
        JOptionPane.showMessageDialog(this,e.getMessage());
    }
}

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

    System.exit(0);
}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
    * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

```

```

*/
try {
    for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
        if ("Nimbus".equals(info.getName())) {
            javax.swing.UIManager.setLookAndFeel(info.getClassName());
            break;
        }
    }
} catch (ClassNotFoundException ex) {
    java.util.logging.Logger.getLogger(Admin.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (InstantiationException ex) {
    java.util.logging.Logger.getLogger(Admin.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (IllegalAccessException ex) {
    java.util.logging.Logger.getLogger(Admin.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {
    java.util.logging.Logger.getLogger(Admin.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 Admin().setVisible(true);
    }
});
}

```

```
// Variables declaration - do not modify

private javax.swing.JLabel aadhaar1;

private javax.swing.JComboBox<String> booth1;

private javax.swing.JButton finddet;

private javax.swing.JButton findrev;

private javax.swing.JButton jButton3;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel12;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel owner1;

private javax.swing.JTextField rev1;

private javax.swing.JTextField txt1;

private javax.swing.JTextField vno1;

private javax.swing.JLabel vtype1;

// End of variables declaration
}
```

Billing.java

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package com.mycompany.tollmanagement;

import java.util.ArrayList;

/**
 *
 * @author aashita
 */
public class Billing extends javax.swing.JFrame {

    public Billing() {
        initComponents();
    }

    public Billing(ArrayList<String> s) {
        initComponents();
        showdata(s);
    }

    void showdata(ArrayList<String> ss)
    {
        numberplate1.setText(ss.get(0));
        owner1.setText(ss.get(1));
        aadhaar1.setText(ss.get(2));
    }
}
```

```

        vtype1.setText(ss.get(3));
        fare1.setText(ss.get(4));
    }

    /**
     * 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() {

        jLabel3 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();
        jLabel5 = new javax.swing.JLabel();
        jButton1 = new javax.swing.JButton();
        jLabel6 = new javax.swing.JLabel();
        jLabel7 = new javax.swing.JLabel();
        numberplate1 = new javax.swing.JLabel();
        jLabel9 = new javax.swing.JLabel();
        owner1 = new javax.swing.JLabel();
        aadhaar1 = new javax.swing.JLabel();
        jLabel1 = new javax.swing.JLabel();
        vtype1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        fare1 = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        jLabel3.setText("Vehicle Number :");

```

```
jLabel4.setText("Vehicle Owner :");
```

```
jLabel5.setText("Aadhaar Number :");
```

```
jButton1.setText("Thank You");
```

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

```
jLabel6.setText("Vehicle Type :");
```

```
jLabel7.setText("Total Toll Taxes");
```

```
numberplate1.setFont(new java.awt.Font("Ubuntu", 1, 21)); // NOI18N
```

```
jLabel9.setText("paid for this trip :");
```

```
jLabel1.setFont(new java.awt.Font("TlwgMono", 1, 25)); // NOI18N
```

```
jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
```

```
jLabel1.setText("BILL RECEIPT");
```

```
jLabel2.setText("For your happy journey...");
```

```
fare1.setFont(new java.awt.Font("Ubuntu", 1, 24)); // 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(0, 158, Short.MAX_VALUE)

.addComponent(jLabel2)

.addGap(163, 163, 163))

.addGroup(layout.createSequentialGroup())

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

.addGroup(layout.createSequentialGroup())

.addGap(50, 50, 50)

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

.addComponent(jLabel3)

.addComponent(jLabel4)

.addComponent(jLabel5)

.addComponent(jLabel6)

.addComponent(jLabel7)

.addComponent(jLabel9))

.addGap(27, 27, 27)

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

.addComponent(numberplate1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(owner1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(aadhaar1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(vtype1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(fare1, javax.swing.GroupLayout.DEFAULT_SIZE, 286,
Short.MAX_VALUE)))

.addGroup(layout.createSequentialGroup())

.addGap(219, 219, 219)

.addComponent(jButton1))

.addGroup(layout.createSequentialGroup())

```

```

        .addGap(169, 169, 169)

        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 190,
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(22, 22, 22)

            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 25,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

            .addComponent(jLabel2)

            .addGap(30, 30, 30)

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

                .addComponent(jLabel3)

                .addComponent(numberplate1))

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

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

                .addComponent(jLabel4)

                .addComponent(owner1))

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

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

                .addComponent(jLabel5)

                .addComponent(aadhaar1))

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

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

                .addComponent(jLabel6)

                .addComponent(vtype1))

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

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

                .addGroup(layout.createSequentialGroup())

```

```

        .addComponent(jLabel7)

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

        .addComponent(jLabel9))

        .addComponent(fare1, javax.swing.GroupLayout.PREFERRED_SIZE, 41,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(18, 18, 18)

        .addComponent(jButton1)

        .addContainerGap(39, Short.MAX_VALUE))

    );

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

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    System.exit(0);
}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
     * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
     */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClassName());

```

```

        break;
    }
}

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

```

```

// Variables declaration - do not modify
private javax.swing.JLabel aadhaar1;
private javax.swing.JLabel fare1;
private javax.swing.JButton jButton1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;

```

```
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel6;  
private javax.swing.JLabel jLabel7;  
private javax.swing.JLabel jLabel9;  
private javax.swing.JLabel numberplate1;  
private javax.swing.JLabel owner1;  
private javax.swing.JLabel vtype1;  
// End of variables declaration  
}
```

Login.java

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package com.mycompany.tollmanagement;

import javax.swing.JOptionPane;

/**
 *
 * @author aashita
 */
public class Login extends javax.swing.JFrame {

    static Login frame;

    /**
     * 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();
    jLabel4 = new javax.swing.JLabel();
    jLabel5 = new javax.swing.JLabel();
    user = new javax.swing.JTextField();
    loginb = new javax.swing.JButton();
    jLabel6 = new javax.swing.JLabel();
    calb = new javax.swing.JButton();
    jLabel7 = new javax.swing.JLabel();
    pwd = new javax.swing.JPasswordField();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    jLabel1.setFont(new java.awt.Font("TlwgMono", 1, 36)); // NOI18N
    jLabel1.setText("TOLL MANAGEMENT SYSTEM");

    jLabel2.setFont(new java.awt.Font("Ubuntu Condensed", 1, 18)); // NOI18N
    jLabel2.setText("(For ADMIN ONLY)");

    jLabel3.setText("Enter credentials here :");

    jLabel4.setText("Username :");

    jLabel5.setText("Password :");

    loginb.setText("Login");
    loginb.addActionListener(new java.awt.event.ActionListener() {
```

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

```
jLabel6.setFont(new java.awt.Font("Ubuntu Condensed", 1, 24)); // NOI18N  
jLabel6.setText("For CUSTOMER");
```

```
calb.setText("Caculate Expenses");  
calb.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        calbActionPerformed(evt);  
    }  
});
```

```
jLabel7.setText("(Generates total expenses for your trip)");
```

```
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(54, 54, 54)  
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .addComponent(jLabel3)  
                .addComponent(jLabel2)  
                .addGroup(layout.createSequentialGroup()  
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                        .addComponent(jLabel6)  
                        .addComponent(jLabel7))  
                    .addGap(54, 54, 54)
```



```

        .addComponent(calb, javax.swing.GroupLayout.PREFERRED_SIZE, 220,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(layout.createSequentialGroup())
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(jLabel4)
            .addComponent(jLabel5))
        .addGap(37, 37, 37)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(loginb, javax.swing.GroupLayout.PREFERRED_SIZE, 77,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
                .addComponent(user)
                .addComponent(pwd, javax.swing.GroupLayout.DEFAULT_SIZE, 271,
Short.MAX_VALUE))))))
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup())
        .addContainerGap(127, Short.MAX_VALUE)
        .addComponent(jLabel1)
        .addGap(127, 127, 127))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup())
            .addGap(36, 36, 36)
            .addComponent(jLabel1)
            .addGap(35, 35, 35)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup())
                .addComponent(jLabel2)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(jLabel3)

```

```

        .addGap(20, 20, 20)

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

            .addComponent(jLabel4)

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

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

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

            .addComponent(jLabel5)

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

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

        .addComponent(loginb)

        .addGap(85, 85, 85)

        .addComponent(jLabel6)

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

        .addComponent(jLabel7))

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

        .addComponent(calb, javax.swing.GroupLayout.PREFERRED_SIZE, 42,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(8, 8, 8))

        .addContainerGap(34, Short.MAX_VALUE))
    );

```

```

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

```

```

private void calbActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    Calculate.main(new String[]{});

    frame.dispose();
}

```

```

private void loginbActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    if(user.getText().equals("admin") && "1234".equals(new String((pwd.getPassword()))))
    {
        Admin.main(new String[]{});
        frame.dispose();
    }
    else
    {
        JOptionPane.showMessageDialog(this,"Entered wrong Username or Password!!!");
    }
}

/**
 * @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>
//</editor-fold>

```

```

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

```

```

// Variables declaration - do not modify
private javax.swing.JButton calb;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;

```

```
private javax.swing.JLabel jLabel6;  
private javax.swing.JLabel jLabel7;  
private javax.swing.JButton loginb;  
private javax.swing.JPasswordField pwd;  
private javax.swing.JTextField user;  
// End of variables declaration  
}
```

Calculate.java

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */

package com.mycompany.tollmanagement;

import java.text.DateFormat;
import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.logging.Level;
import java.util.logging.Logger;
import java.sql.Statement;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.ArrayList;
import javax.swing.JOptionPane;

/**
 *
 * @author aashita
 */

public class Calculate extends javax.swing.JFrame {

    static Calculate frame;

    int fare_amt=0;

    /**
```

```

* Creates new form calculate

*/
public Calculate() {
    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();
    cal = new javax.swing.JButton();
    jLabel2 = new javax.swing.JLabel();
    numberplate1 = new javax.swing.JTextField();
    jLabel3 = new javax.swing.JLabel();
    vtype1 = new javax.swing.JComboBox<>();
    jLabel4 = new javax.swing.JLabel();
    jtype1 = new javax.swing.JComboBox<>();
    jLabel5 = new javax.swing.JLabel();
    station1 = new javax.swing.JComboBox<>();
    jLabel7 = new javax.swing.JLabel();
    jLabel6 = new javax.swing.JLabel();
    owner1 = new javax.swing.JTextField();
    jLabel8 = new javax.swing.JLabel();
    aadhaar1 = new javax.swing.JTextField();
    date1 = new javax.swing.JTextField();

```

```

jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();
addnextstation = new javax.swing.JButton();
fare = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jLabel1.setFont(new java.awt.Font("URW Gothic L", 1, 36)); // NOI18N
jLabel1.setText("CALCULATE TOLL");

cal.setText("Calculate (Current Charges)");
cal.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        calActionPerformed(evt);
    }
});

jLabel2.setText("Vehicle Number :");

jLabel3.setText("Choose Vehicle Type :");

vtype1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "--Select--", "3
Wheeler", "Car/jeep", "LCV", "Bus", "Truck", "MAV" }));

jLabel4.setText("Choose Journey Type :");

jtype1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "--Select--",
"Single", "Return" }));

jLabel5.setText("Select Poll Station :");

```



```
station1.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "--Select--",  
"Jaipur", "Delhi", "Ajmer" }));
```

```
jLabel7.setText("Enter Date(dd/mm/yyyy) :");
```

```
jLabel6.setText("Owner's Name :");
```

```
jLabel8.setText("Aadhaar Number :");
```

```
jButton1.setText("generate bill");
```

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

```
jButton2.setText("Exit");
```

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

```
addnextstation.setText("Add next Toll Station");
```

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

```
fare.setFont(new java.awt.Font("Ubuntu Light", 1, 23)); // NOI18N
```

```

fare.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

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(50, 50, 50)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(0, 0, Short.MAX_VALUE)
                    .addComponent(jLabel1)
                    .addGap(282, 282, 282))
                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
                    layout.createSequentialGroup()
                        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                            .addGroup(layout.createSequentialGroup()
                                .addGap(0, 0, Short.MAX_VALUE)
                                .addComponent(jLabel8)
                                .addPreferredGap(LayoutStyle.ComponentPlacement.RELATED,
                                    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                                .addComponent(aadhaar1, javax.swing.GroupLayout.PREFERRED_SIZE, 265,
                                        javax.swing.GroupLayout.PREFERRED_SIZE))
                            .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
                                layout.createSequentialGroup()
                                    .addGap(0, 0, Short.MAX_VALUE)
                                    .addComponent(owner1, javax.swing.GroupLayout.PREFERRED_SIZE, 265,
                                        javax.swing.GroupLayout.PREFERRED_SIZE))
                            .addGroup(layout.createSequentialGroup()
                                .addGap(0, 0, Short.MAX_VALUE)
                                .addComponent(jLabel6)
                                .addPreferredGap(LayoutStyle.ComponentPlacement.RELATED,
                                    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                                .addComponent(owner2, javax.swing.GroupLayout.PREFERRED_SIZE, 265,
                                        javax.swing.GroupLayout.PREFERRED_SIZE))
                            .addGroup(layout.createSequentialGroup()
                                .addGap(0, 0, Short.MAX_VALUE)
                                .addComponent(jLabel2)
                                .addPreferredGap(LayoutStyle.ComponentPlacement.RELATED,
                                    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                                .addComponent(owner3, javax.swing.GroupLayout.PREFERRED_SIZE, 265,
                                        javax.swing.GroupLayout.PREFERRED_SIZE)))
                        .addGap(0, 0, Short.MAX_VALUE)))
            .addGap(0, 0, Short.MAX_VALUE))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jLabel7)
            .addGap(0, 0, Short.MAX_VALUE))
    )
);

```

```

        .addComponent(numberplate1, javax.swing.GroupLayout.PREFERRED_SIZE, 265,
javax.swing.GroupLayout.PREFERRED_SIZE)))

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

            .addGroup(layout.createSequentialGroup()

                .addGap(148, 148, 148)

                .addComponent(fare, javax.swing.GroupLayout.PREFERRED_SIZE, 142,
javax.swing.GroupLayout.PREFERRED_SIZE))

            .addGroup(layout.createSequentialGroup()

                .addGap(76, 76, 76)

                .addComponent(cal, javax.swing.GroupLayout.PREFERRED_SIZE, 261,
javax.swing.GroupLayout.PREFERRED_SIZE)))

            .addGap(70, 70, 70))

        .addGroup(layout.createSequentialGroup()

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

                .addGroup(layout.createSequentialGroup()

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

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

                            .addGroup(layout.createSequentialGroup()

                                .addComponent(jLabel3)

                                .addComponent(jLabel4))

                            .addGap(47, 47, 47))

                        .addGroup(layout.createSequentialGroup()

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

                                .addGroup(layout.createSequentialGroup()

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

                                        .addGroup(layout.createSequentialGroup()

                                            .addComponent(jLabel5)

                                            .addComponent(jLabel7))

                                        .addGap(40, 40, 40))

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

                                        .addGroup(layout.createSequentialGroup()

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

                                                .addGroup(layout.createSequentialGroup()

                                                    .addComponent(vtype1, javax.swing.GroupLayout.PREFERRED_SIZE, 265,
javax.swing.GroupLayout.PREFERRED_SIZE)

                                                    .addGroup(layout.createSequentialGroup()

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

```

```

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

    .addComponent(jtype1, javax.swing.GroupLayout.Alignment.LEADING, 0,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

    .addComponent(station1, 0, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))

    .addGap(44, 44, 44)))

    .addComponent(date1, javax.swing.GroupLayout.PREFERRED_SIZE, 221,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(48, 48, 48)

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

        .addComponent(jButton1)

        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 91,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(addnextstation))

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

layout.setVerticalGroup(

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

    .addGroup(layout.createSequentialGroup())

        .addGap(32, 32, 32)

        .addComponent(jLabel1)

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

        .addGroup(layout.createSequentialGroup())

            .addGap(31, 31, 31)

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

                .addComponent(jLabel2)

                .addComponent(numberplate1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))

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

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

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

```

```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup()
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel6)
            .addComponent(owner1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel8)
            .addComponent(aadhaar1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel3)
            .addComponent(vtype1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
    .addGroup(layout.createSequentialGroup()
        .addGap(3, 3, 3)
        .addComponent(fare)))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 35,
Short.MAX_VALUE)
    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel4)
                .addComponent(jtype1, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel5)
```

```

        .addComponent(station1, javax.swing.GroupLayout.PREFERRED_SIZE, 24,
javax.swing.GroupLayout.PREFERRED_SIZE))

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

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

        .addComponent(jLabel7)

        .addComponent(date1, javax.swing.GroupLayout.PREFERRED_SIZE, 30,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(45, 45, 45))

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

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

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

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

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

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

        .addGap(26, 26, 26))))

    );

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

```

```

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

    ArrayList<String> s = new ArrayList<>();

    s.add(numberplate1.getText());

    s.add(owner1.getText());

    s.add(aadhaar1.getText());

    s.add((String) vtype1.getSelectedItem());

    s.add(Integer.toString(fare_amt));

    fare_amt=0;
}

```

```

new Billing(s).setVisible(true);

    frame.dispose();

}

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

    String dateString = date1.getText();
    java.sql.Date sqlDate = null;
    DateFormat formatter = new SimpleDateFormat("dd/mm/yyyy");
    Date date = null;
    try {
        date = formatter.parse(dateString);
    } catch (ParseException ex) {
        Logger.getLogger(Calculate.class.getName()).log(Level.SEVERE, null, ex);
    }
    sqlDate = new java.sql.Date(date.getTime());

    String aadhaar=aadhaar1.getText();
    String numberplate=numberplate1.getText();
    String owner=owner1.getText();
    String vtype=(String) vtype1.getSelectedItem();
    String jtype=(String) jtype1.getSelectedItem();
    String station=(String) station1.getSelectedItem();

    int fareid = 0,boothid = 0,fare_cur = 0;

    try
    {
        Class.forName("java.sql.DriverManager");
        Connection con = (Connection)

```

```
DriverManager.getConnection("jdbc:mysql://localhost:3306/tollmanagement","root","aa872002");/  
/aa872002 is the password
```

```
Statement stmt= (Statement) con.createStatement();
```

```
String query="SELECT fareid,fare_amt FROM fare WHERE vehicletype='"+vtype+"' AND  
journeytype='"+jtype+"'";
```

```
ResultSet rs = stmt.executeQuery(query);
```

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

```
{
```

```
fareid = Integer.parseInt(rs.getString("fareid"));
```

```
fare_cur = Integer.parseInt(rs.getString("fare_amt"));
```

```
fare_amt+=fare_cur;
```

```
}
```

```
}
```

```
catch(ClassNotFoundException | SQLException e)
```

```
{
```

```
JOptionPane.showMessageDialog(this,e.getMessage());
```

```
}
```

```
try
```

```
{
```

```
Class.forName("java.sql.DriverManager");
```

```
Connection con = (Connection)
```

```
DriverManager.getConnection("jdbc:mysql://localhost:3306/tollmanagement","root","aa872002");
```

```
Statement stmt= (Statement) con.createStatement();
```

```
String query="SELECT boothid FROM booth WHERE location='"+station+"'";
```

```
ResultSet rs = stmt.executeQuery(query);
```

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

```
{
```

```
boothid = Integer.parseInt(rs.getString("boothid"));
```

```
}
```



```

    }

    catch(ClassNotFoundException | SQLException e)
    {
        JOptionPane.showMessageDialog(this,e.getMessage());
    }

    boolean flag1=false,flag2=false;

    try
    {
        Class.forName("java.sql.DriverManager");
        Connection con = (Connection)

DriverManager.getConnection("jdbc:mysql://localhost:3306/tollmanagement","root","aa872002");

        Statement stmt= (Statement) con.createStatement();
        String query="SELECT vehicle_no FROM details WHERE vehicle_no='"+numberplate+"'";
        ResultSet rs = stmt.executeQuery(query);
        if(rs.next())
        {
            flag1=true;
        }
    }
    catch(ClassNotFoundException | SQLException e)
    {
        JOptionPane.showMessageDialog(this,e.getMessage());
    }

    if(flag1==false)
    {
        try
        {

```

```

        Class.forName("java.sql.DriverManager");

        Connection con = (Connection)

DriverManager.getConnection("jdbc:mysql://localhost:3306/tollmanagement","root","aa872002");

        Statement stmt= (Statement) con.createStatement();

        String query="INSERT INTO details VALUES
('"+numberplate+"','"+vtype+"','"+owner+"','"+aadhaar+"');";

        stmt.executeUpdate(query);
    }

    catch(ClassNotFoundException | SQLException e)
    {
        JOptionPane.showMessageDialog(this,e.getMessage());
    }
}

if(jtype=="Single")
{
    try
    {
        Class.forName("java.sql.DriverManager");

        Connection con = (Connection)

DriverManager.getConnection("jdbc:mysql://localhost:3306/tollmanagement","root","aa872002");

        Statement stmt= (Statement) con.createStatement();

        String query="SELECT visitdate FROM transactions WHERE vehicle_no='"+numberplate+"'
AND journeytype='Return' AND visitdate='"+sqlDate+"';";

        ResultSet rs = stmt.executeQuery(query);

        if(rs.next())
        {
            flag2=true;
        }
    }
}

```

```

        catch(ClassNotFoundException | SQLException e)
        {
            JOptionPane.showMessageDialog(this,e.getMessage());
        }
    }

    if(flag2==true)
    {
        fare_amt -= fare_cur;
        fare_cur = 0;
    }

    try
    {
        Class.forName("java.sql.DriverManager");
        Connection con = (Connection)

DriverManager.getConnection("jdbc:mysql://localhost:3306/tollmanagement","root","aa872002");

        Statement stmt= (Statement) con.createStatement();

        String query = "insert into transactions(vehicle_no,boothid,journeytype,fareid,visitdate)
values ( ?, ?, ?, ?, ?)";

        PreparedStatement ps=con.prepareStatement(query);

        ps.setString(1, numberplate);

        ps.setInt(2, boothid);

        ps.setString(3, jtype);

        ps.setInt(4, fareid);

        ps.setDate(5,sqlDate);

        ps.executeUpdate();
    }

    catch(ClassNotFoundException | SQLException e)
    {
        JOptionPane.showMessageDialog(this,e.getMessage());
    }

```

```

    }

    fare.setText("Rs. "+Integer.toString(fare_cur));
}

```

```

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    fare_amt=0;
    System.exit(0);
}

```

```

private void addnextstationActionPerformed(java.awt.event.ActionEvent evt) {
    date1.setText("");
    jtype1.setSelectedIndex(0);
    station1.setSelectedIndex(0);
    fare.setText("");
}

```

```

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

    } catch (InstantiationException ex) {

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

    } catch (IllegalAccessException ex) {

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

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Calculate.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()
    {
        frame = new Calculate();
        frame.setVisible(true);
    }
});
}

```

```
// Variables declaration - do not modify

private javax.swing.JTextField aadhaar1;
private javax.swing.JButton addnextstation;
private javax.swing.JButton cal;
private javax.swing.JTextField date1;
private javax.swing.JLabel fare;
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.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JComboBox<String> jtype1;
private javax.swing.JTextField numberplate1;
private javax.swing.JTextField owner1;
private javax.swing.JComboBox<String> station1;
private javax.swing.JComboBox<String> vtype1;

// End of variables declaration
}
```

tollmanagement_booth.sql

```
CREATE DATABASE IF NOT EXISTS `tollmanagement` /*!40100 DEFAULT CHARACTER SET utf8mb4
COLLATE utf8mb4_0900_ai_ci */ /*!80016 DEFAULT ENCRYPTION='N' */;

USE `tollmanagement`;

-- MySQL dump 10.13 Distrib 8.0.20, for Linux (x86_64)

--

-- Host: localhost Database: tollmanagement

-- -----

-- Server version      8.0.20-0ubuntu0.19.10.1

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!50503 SET NAMES utf8 */;
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0
*/;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;

--

-- Table structure for table `booth`

--

DROP TABLE IF EXISTS `booth`;

/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;

CREATE TABLE `booth` (
  `boothid` int NOT NULL,
```

```
`location` varchar(30) DEFAULT NULL,  
PRIMARY KEY (`boothid`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;  
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `booth`  
--
```

```
LOCK TABLES `booth` WRITE;  
/*!40000 ALTER TABLE `booth` DISABLE KEYS */;  
INSERT INTO `booth` VALUES  
  (100,'Jaipur'),  
  (101,'Delhi'),  
  (102,'Nagpur'),  
  (103,'Jodhpur'),  
  (104,'Alwar'),  
  (105,'Udaipur');  
/*!40000 ALTER TABLE `booth` ENABLE KEYS */;  
UNLOCK TABLES;  
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;
```

```
/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;  
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;  
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;  
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;  
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;  
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;  
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;
```

```
-- Dump completed on 2020-11-20 11:37:08
```


tollmanagement_details.sql

```
CREATE DATABASE IF NOT EXISTS `tollmanagement` /*!40100 DEFAULT CHARACTER SET utf8mb4
COLLATE utf8mb4_0900_ai_ci */ /*!80016 DEFAULT ENCRYPTION='N' */;

USE `tollmanagement`;

-- MySQL dump 10.13 Distrib 8.0.20, for Linux (x86_64)
--
-- Host: localhost Database: tollmanagement
--
-- Server version 8.0.20-0ubuntu0.19.10.1

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!50503 SET NAMES utf8 */;
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0
*/;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;

--
-- Table structure for table `details`
--

DROP TABLE IF EXISTS `details`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `details` (
  `vehicle_no` varchar(15) NOT NULL,
```

```
`vehicletype` varchar(50) DEFAULT NULL,  
`owner` varchar(30) DEFAULT NULL,  
`aadhaar` varchar(15) DEFAULT NULL,  
PRIMARY KEY (`vehicle_no`),  
KEY `vt` (`vehicletype`),  
CONSTRAINT `vt` FOREIGN KEY (`vehicletype`) REFERENCES `fare` (`vehicletype`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;  
/*!40101 SET character_set_client = @saved_cs_client */;
```

--

-- Dumping data for table `details`

--

```
LOCK TABLES `details` WRITE;  
/*!40000 ALTER TABLE `details` DISABLE KEYS */;  
INSERT INTO `details` VALUES  
('DL22 AU 2662','3 Wheeler','Sanskar','0006 XXXX 3564'),  
('DL59 BZ 9221','Bus','Umang','0004 XXXX 1346'),  
('DL86 AE 5801','Car/Jeep','Kartik','0005 XXXX 9874'),  
('DL90 TI 6629','MAV','Aashita','0003 XXXX 4523'),  
('MH04 ZF 4311','LCV','Dastagiri','0011 XXXX 4542'),  
('MH16 YB 0001','Car/Jeep','Ansh','0014 XXXX 2348'),  
('MH16 YB 6683','Car/Jeep','Shivam','0010 XXXX 4587'),  
('MH26 BI 3702','Truck','Anant','0012 XXXX 0973'),  
('RJ01 KK 7367','Car/Jeep','Chaitanya','0013 XXXX 9827'),  
('RJ05 SC 5673','Bus','Rohit','0008 XXXX 9873'),  
('RJ14 GR 1206','3 Wheeler','Aayush','0001 XXXX 1234'),  
('RJ14 RQ 7819','LCV','Pranjal','0002 XXXX 8762'),  
('RJ41 JR 6910','MAV','Bhumur','0007 XXXX 4374'),  
('RJ56 LA 2075','LCV','Satyam','0009 XXXX 4543'),  
('UP80 PA 1234','Truck','Devu','1001 XXXX 3682');
```

```
/*!40000 ALTER TABLE `details` ENABLE KEYS */;
```

```
UNLOCK TABLES;
```

```
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;
```

```
/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;
```

```
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;
```

```
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;
```

```
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
```

```
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
```

```
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

```
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;
```

```
-- Dump completed on 2020-11-20 11:37:08
```

tollmanagement_fare.sql

```
CREATE DATABASE IF NOT EXISTS `tollmanagement` /*!40100 DEFAULT CHARACTER SET utf8mb4
COLLATE utf8mb4_0900_ai_ci */ /*!80016 DEFAULT ENCRYPTION='N' */;

USE `tollmanagement`;

-- MySQL dump 10.13 Distrib 8.0.20, for Linux (x86_64)

--

-- Host: localhost Database: tollmanagement

-- -----

-- Server version      8.0.20-0ubuntu0.19.10.1

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!50503 SET NAMES utf8 */;
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0
*/;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;

--

-- Table structure for table `fare`

--

DROP TABLE IF EXISTS `fare`;

/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;

CREATE TABLE `fare` (
  `fareid` int NOT NULL,
```

```

`vehicletype` varchar(50) DEFAULT NULL,
`journeytype` varchar(50) DEFAULT NULL,
`fare_amt` int DEFAULT NULL,
PRIMARY KEY (`fareid`),
KEY `vt` (`vehicletype`),
KEY `jt` (`journeytype`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `fare`
--

LOCK TABLES `fare` WRITE;
/*!40000 ALTER TABLE `fare` DISABLE KEYS */;
INSERT INTO `fare` VALUES
(100,'3 Wheeler','Single',10),
(101,'3 Wheeler','Return',19),
(102,'Car/Jeep','Single',30),
(103,'Car/Jeep','Return',58),
(104,'LCV','Single',49),
(105,'LCV','Return',95),
(106,'Bus','Single',78),
(107,'Bus','Return',150),
(108,'Truck','Single',117),
(109,'Truck','Return',220),
(110,'MAV','Single',234),
(111,'MAV','Return',440);
/*!40000 ALTER TABLE `fare` ENABLE KEYS */;
UNLOCK TABLES;
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;

```

```
/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;  
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;  
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;  
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;  
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;  
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;  
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;
```

-- Dump completed on 2020-11-20 11:37:08

tollmanagement_transactions.sql

```
CREATE DATABASE IF NOT EXISTS `tollmanagement` /*!40100 DEFAULT CHARACTER SET utf8mb4
COLLATE utf8mb4_0900_ai_ci */ /*!80016 DEFAULT ENCRYPTION='N' */;

USE `tollmanagement`;

-- MySQL dump 10.13 Distrib 8.0.20, for Linux (x86_64)

--

-- Host: localhost Database: tollmanagement

-- -----

-- Server version      8.0.20-0ubuntu0.19.10.1

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!50503 SET NAMES utf8 */;
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0
*/;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;

--

-- Table structure for table `transactions`

--

DROP TABLE IF EXISTS `transactions`;

/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;

CREATE TABLE `transactions` (
```

```

`trandid` int NOT NULL AUTO_INCREMENT,
`vehicle_no` varchar(15) DEFAULT NULL,
`boothid` int DEFAULT NULL,
`journeytype` varchar(50) DEFAULT NULL,
`fareid` int DEFAULT NULL,
`visitdate` date DEFAULT NULL,
PRIMARY KEY (`trandid`),
KEY `vehicle_no` (`vehicle_no`),
KEY `jt` (`journeytype`),
KEY `boothid` (`boothid`),
KEY `fareid` (`fareid`),
CONSTRAINT `jt` FOREIGN KEY (`journeytype`) REFERENCES `fare` (`journeytype`),
CONSTRAINT `transactions_ibfk_1` FOREIGN KEY (`vehicle_no`) REFERENCES `details` (`vehicle_no`),
CONSTRAINT `transactions_ibfk_2` FOREIGN KEY (`boothid`) REFERENCES `booth` (`boothid`),
CONSTRAINT `transactions_ibfk_3` FOREIGN KEY (`fareid`) REFERENCES `fare` (`fareid`)
) ENGINE=InnoDB AUTO_INCREMENT=10025 DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_0900_ai_ci;

/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `transactions`
--

LOCK TABLES `transactions` WRITE;

/*!40000 ALTER TABLE `transactions` DISABLE KEYS */;

INSERT INTO `transactions` VALUES (10000,'RJ14 GR 1206',100,'Single',100,'2020-11-01'),(10001,'RJ14 GR 1206',105,'Single',100,'2020-11-03'),(10002,'RJ14 RQ 7819',102,'Single',104,'2020-11-05'),(10003,'DL90 TI 6629',100,'Return',111,'2020-10-07'),(10004,'DL59 BZ 9221',103,'Return',107,'2020-11-08'),(10005,'DL86 AE 5801',104,'Return',103,'2020-11-10'),(10006,'DL22 AU 2662',100,'Single',100,'2020-11-12'),(10007,'RJ41 JR 6910',102,'Return',111,'2020-09-14'),(10008,'RJ05 SC 5673',101,'Single',106,'2020-09-16'),(10009,'RJ56 LA 2075',103,'Single',104,'2020-10-18'),(10010,'MH16 YB 6683',104,'Single',102,'2020-11-20'),(10011,'MH04 ZF 4311',101,'Single',104,'2020-11-22'),(10012,'MH04 ZF 4311',104,'Return',105,'2020-11-

```



```
24'),(10013,'MH26 BI 3702',102,'Single',108,'2020-10-26'),(10014,'RJ01 KK
7367',105,'Single',102,'2020-10-28'),(10015,'MH16 YB 0001',104,'Single',102,'2020-11-
01'),(10016,'MH04 ZF 4311',101,'Single',104,'2020-11-03'),(10017,'MH04 ZF
4311',104,'Return',105,'2020-11-05'),(10018,'MH26 BI 3702',102,'Single',108,'2020-10-
05'),(10019,'RJ01 KK 7367',105,'Single',102,'2020-10-05'),(10023,'UP80 PA
1234',102,'Single',108,'2020-11-05'),(10024,'UP80 PA 1234',104,'Single',108,'2020-11-06');
```

```
/*!40000 ALTER TABLE `transactions` ENABLE KEYS */;
```

```
UNLOCK TABLES;
```

```
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;
```

```
/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;
```

```
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;
```

```
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;
```

```
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
```

```
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
```

```
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

```
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;
```

```
-- Dump completed on 2020-11-20 11:37:08
```