

## **EX NO : 12 MINI PROJECT – RAILWAY RESERVATION SYSTEM**

### **OBJECTIVES :**

The main objective of the Railway Reservation System is to manage the details of Trains, to view available trains, Reserve train tickets, Cancel train tickets, to maintain the available trains.

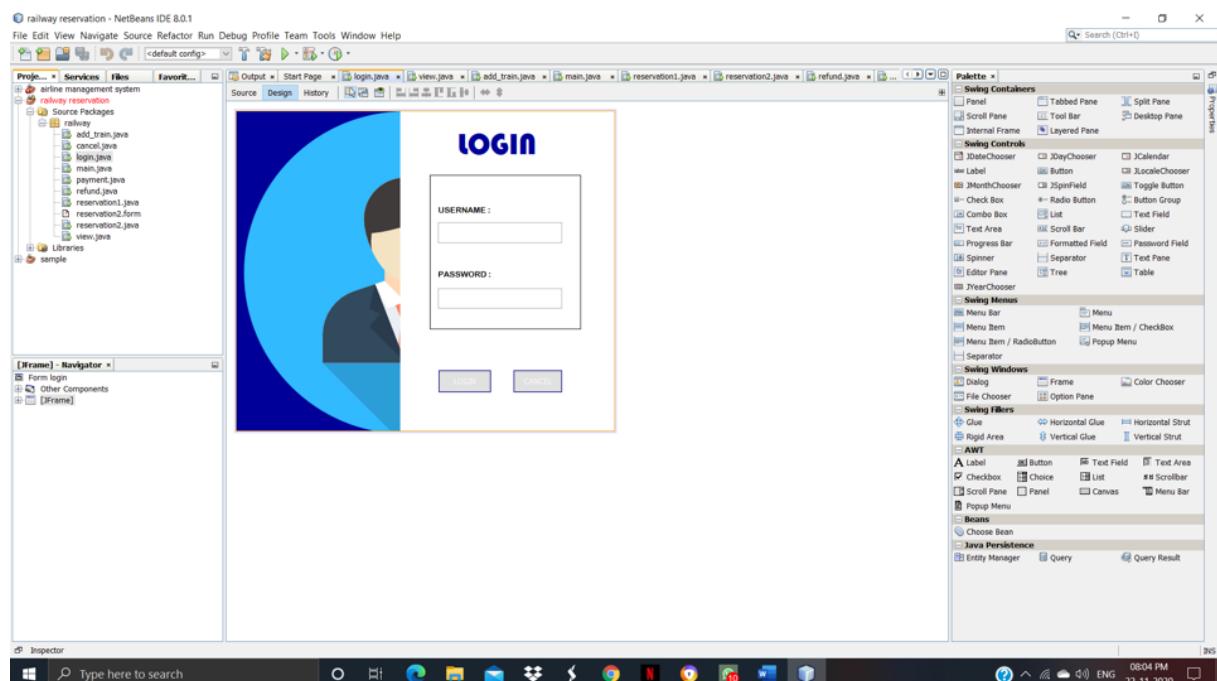
### **REQUIREMENTS:**

**SOFTWARE :** Netbeans IDE 8.0.1 , java version( jdk -14.0.2), Xampp server, my SQL.

**HARDWARE :** 1TB HD , 4 GB RAM, i5

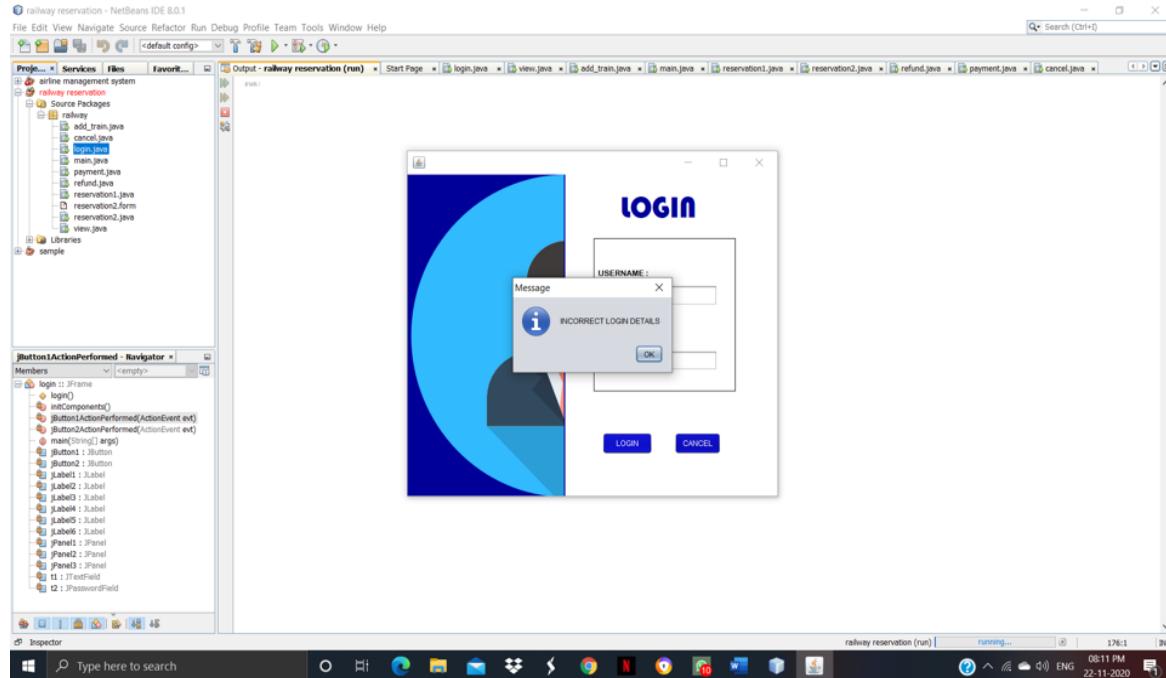
### **IMPLEMENTATION :**

#### **STEP 1 : Login**



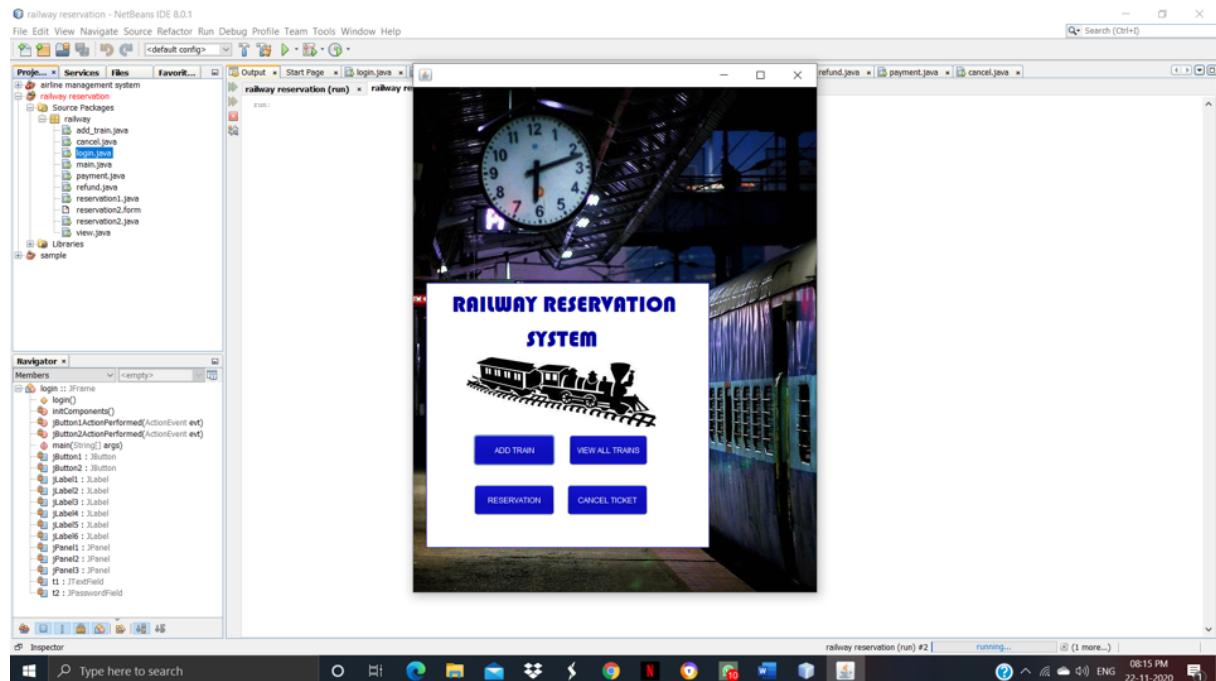
- In order to book , cancel or view trains , the user must login initially.
- The user name is “admin” and the password is “123”. The user is allowed to login , if this username and password is entered correctly.

- If the user name or password is entered wrongly, a pop up window is shown with the message “Incorrect Login Details” as shown below.



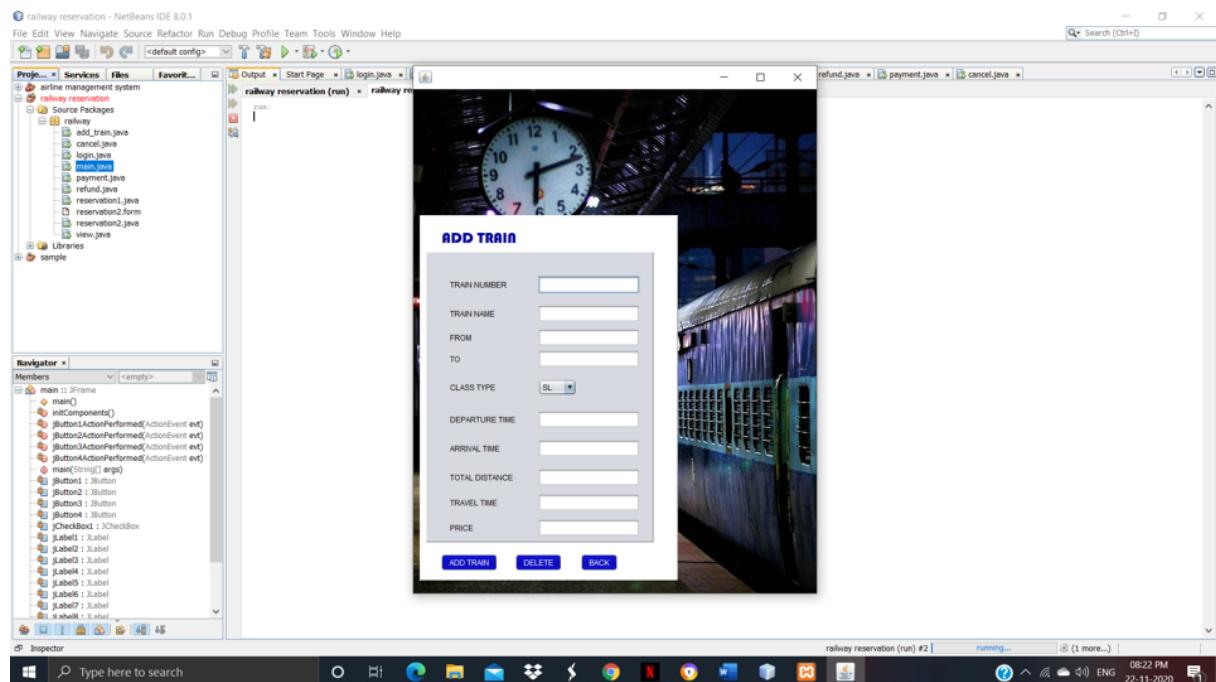
- When correct user name and password is entered, the login will be successful and main page will be displayed to the user.

## STEP 2:Main Page

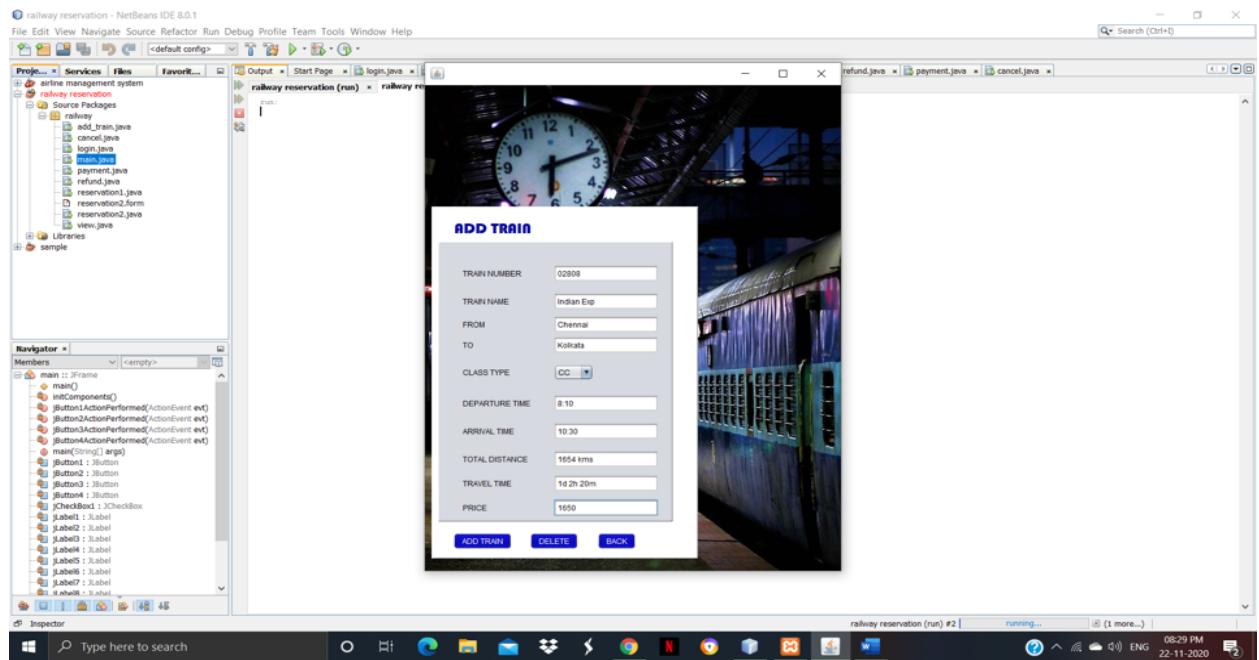


- After the successful login , main page is displayed with four options available to the user.
- Those four options are ADD TRAIN , VIEW ALL TRAINS , RESERVATION and CANCEL TICKET.
- The user can choose from these four options.

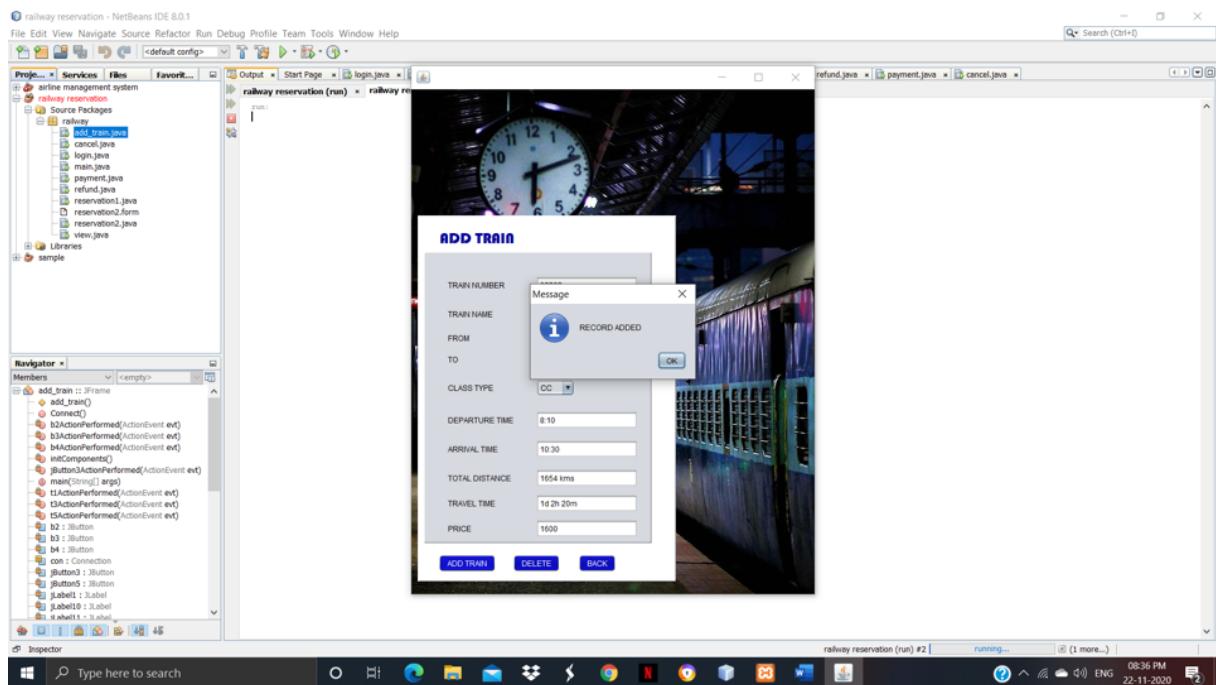
### STEP 3 : Add Train



- The user can add a train to the database by adding the details of the train , such as train number , train name , time of the train etc...
- Once the details are added , they will be reflected in the database after selecting ADD TRAIN option.
- Entered details can be deleted by selecting DELETE option available in the main page.
- If BACK option is selected , then the main page is again displayed to the user.
- Adding details and viewing them in the database is shown below,



- When ADD TRAIN option is clicked after entering all the details, a pop up message is shown as “RECORD ADDED” and is added to the database.



- After successfully adding the new train , main page is opened by default.
- The new train is added to database and is shown below,

The screenshot shows the phpMyAdmin interface for the 'railway' database. The 'traindata' table is selected, displaying 6 rows of data. The columns are: train\_no, train\_name, from\_place, to\_place, class\_type, departure\_time, arrival\_time, total\_distance, travel\_time, and price. One row is highlighted:

train_no	train_name	from_place	to_place	class_type	departure_time	arrival_time	total_distance	travel_time	price
2808	Indian Exp	Chennai	Kolkata	CC	8:10	10:30	1654 kms	1d 2h 20m	1600

## STEP 4 : View All Trains

- The added trains can be viewed in the project by selecting VIEW ALL TRAINS options in the main page.

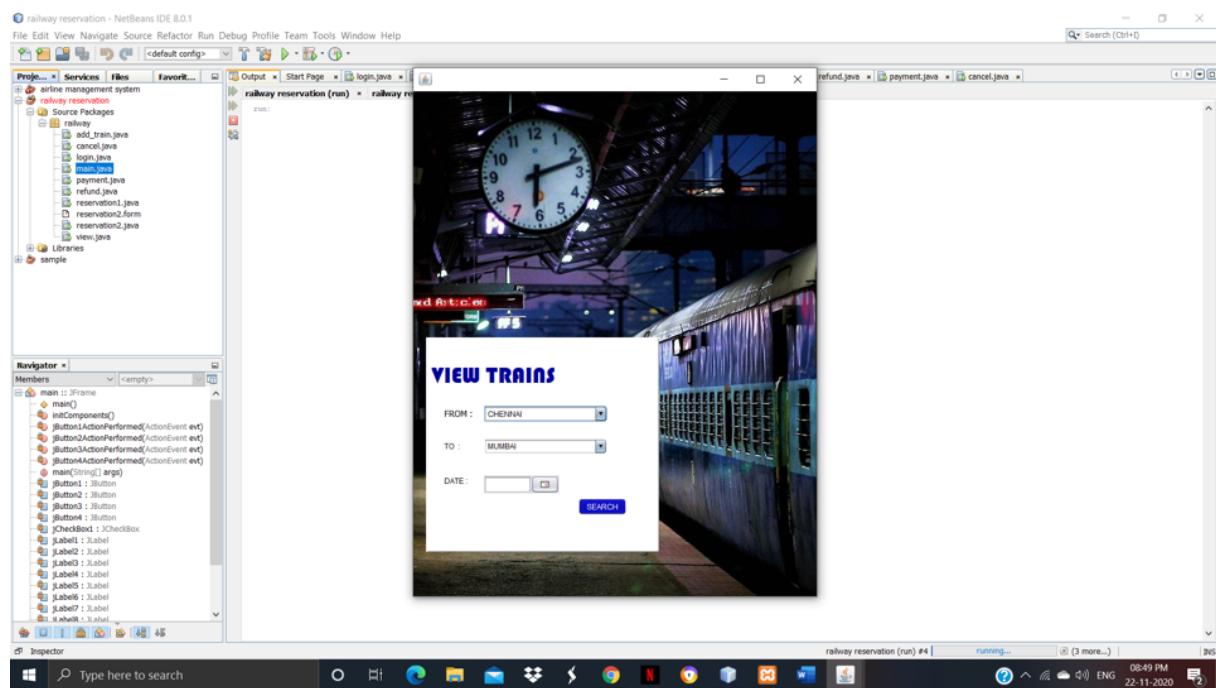
The screenshot shows the NetBeans IDE environment with the 'railway reservation' project open. The 'Output' tab shows the application is running. A window titled 'ALL TRAINS' is displayed, featuring a large digital clock at the top and a table below it showing train details. The table has the following data:

NO	NAME	FROM	TO	CLASS	DEPAR.	ARRIVAL	DIST.	TIME	PRICE
2808	Indian Exp	Chennai	Kolkata	CC	8:10	10:30	1654 kms	1d 2h 20m	1600

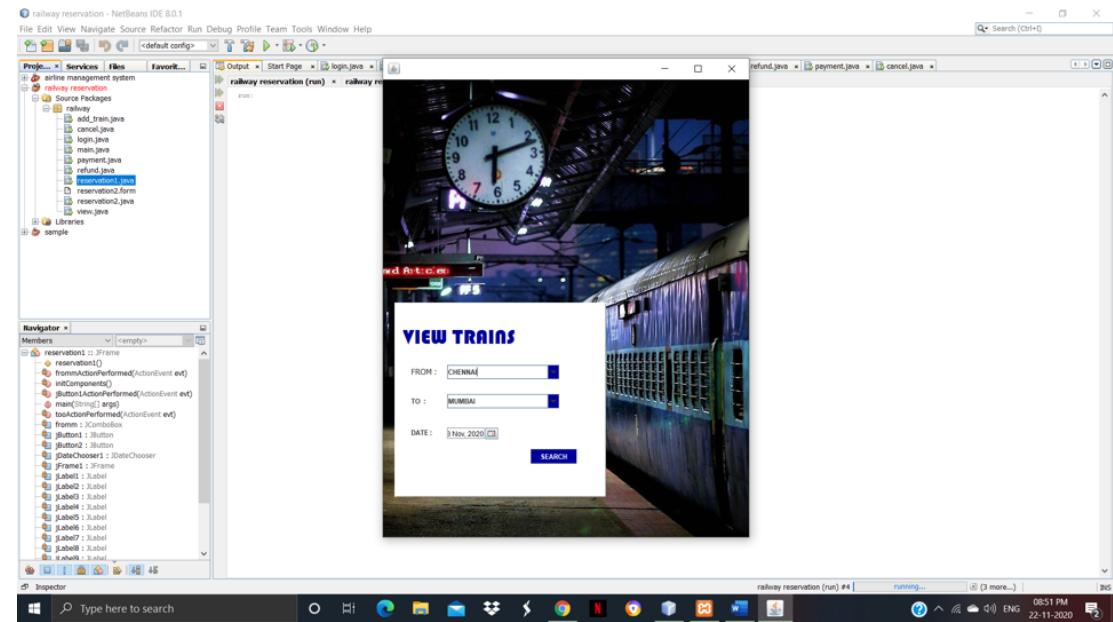
- Since only one train was added , that added one train is displayed in this page.
- The main use of this page is to give information about the available trains to the passengers.
- This page is not used to book tickets.
- BACK option can be selected to return to the main page.

## STEP 5 : RESERVATION

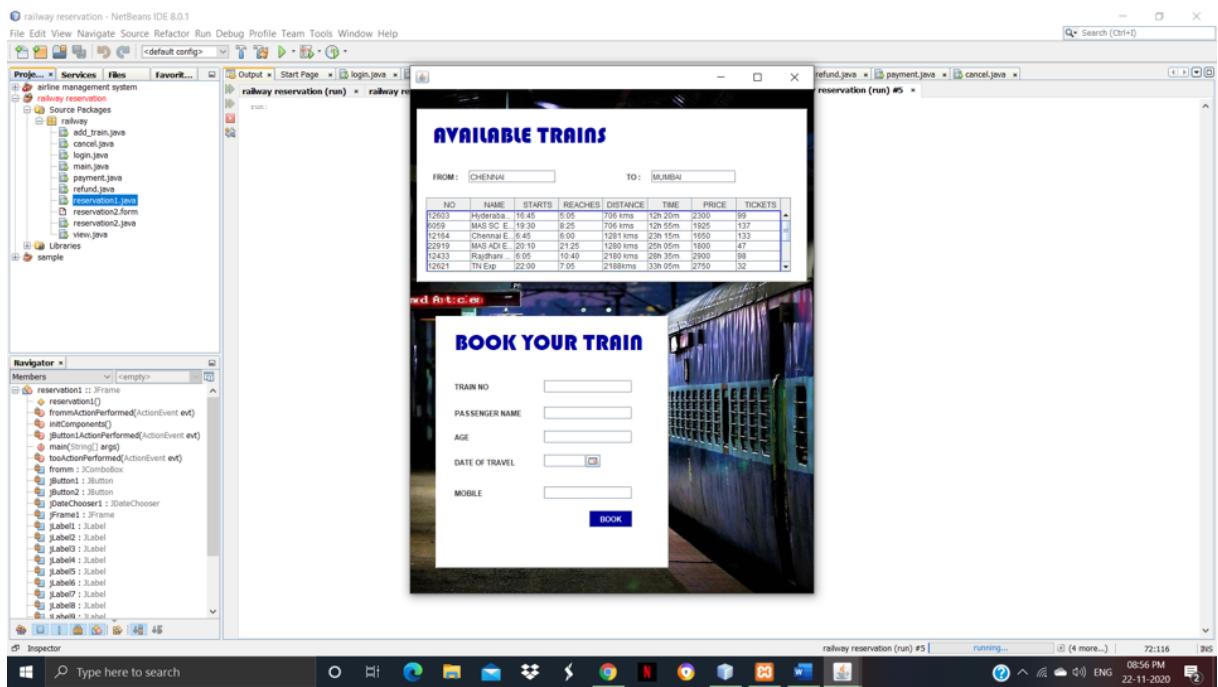
- The reservation option from the main page is used to reserve or book tickets for the passengers.



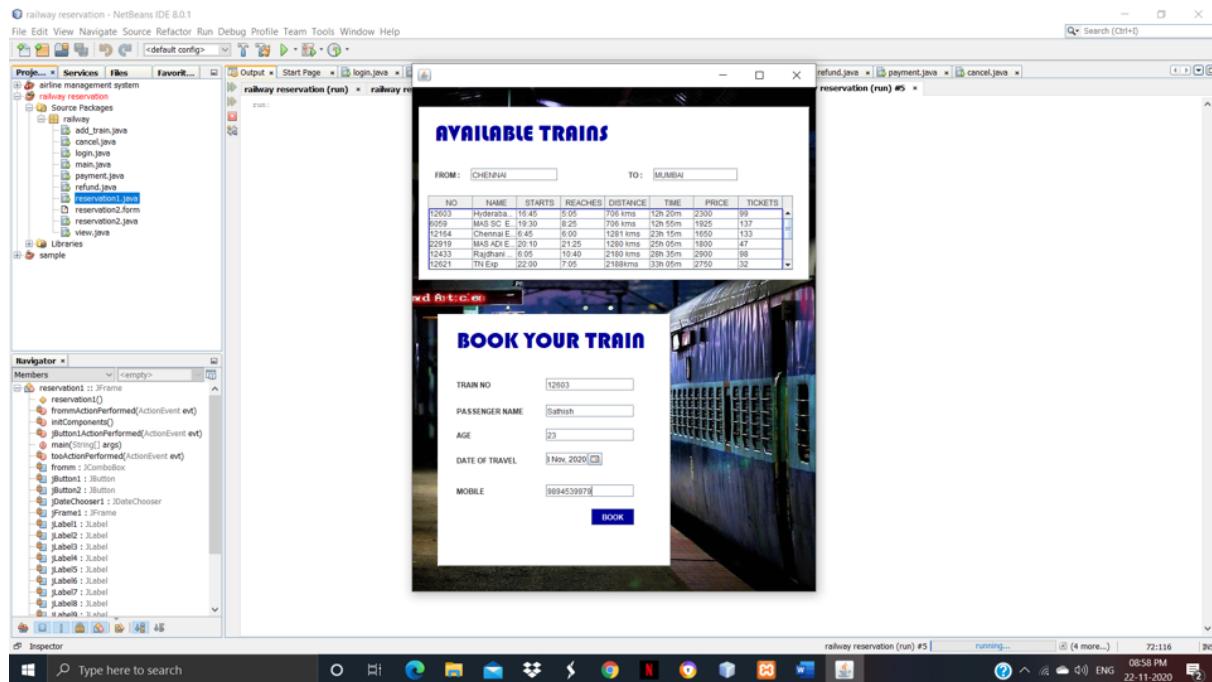
- The user needs to select the FROM and TO place of the travel , and the DATE of travel.



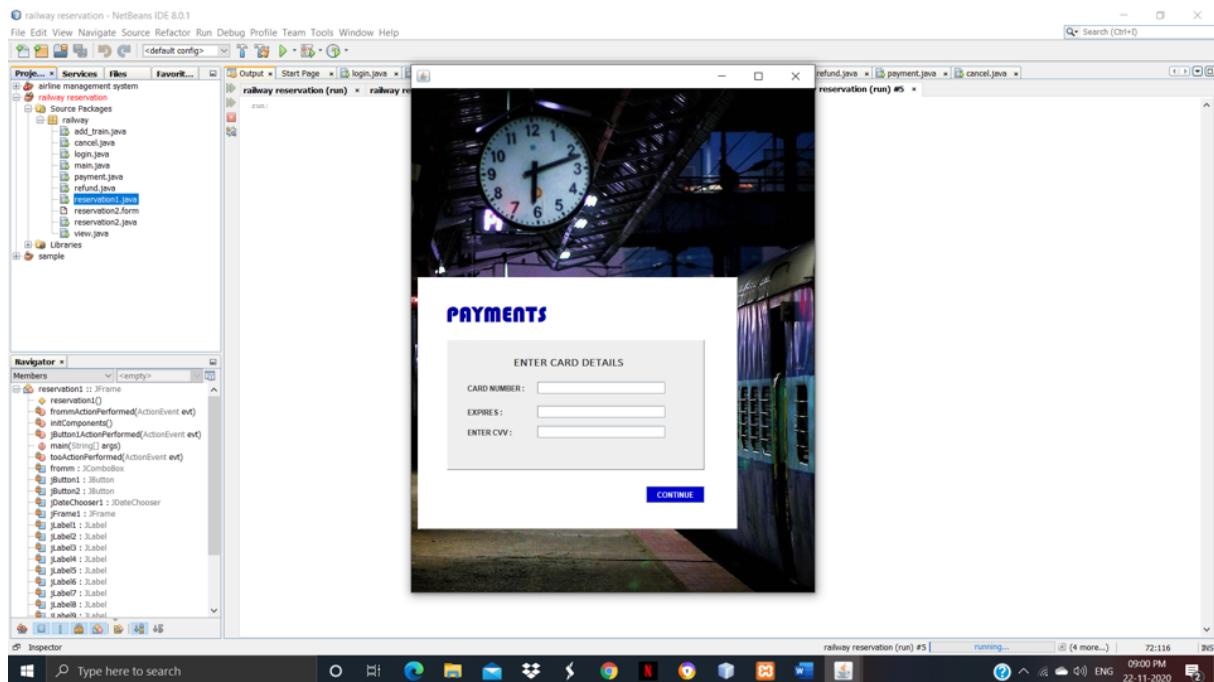
- After selecting the proper details about the travel , the available trains are displayed.



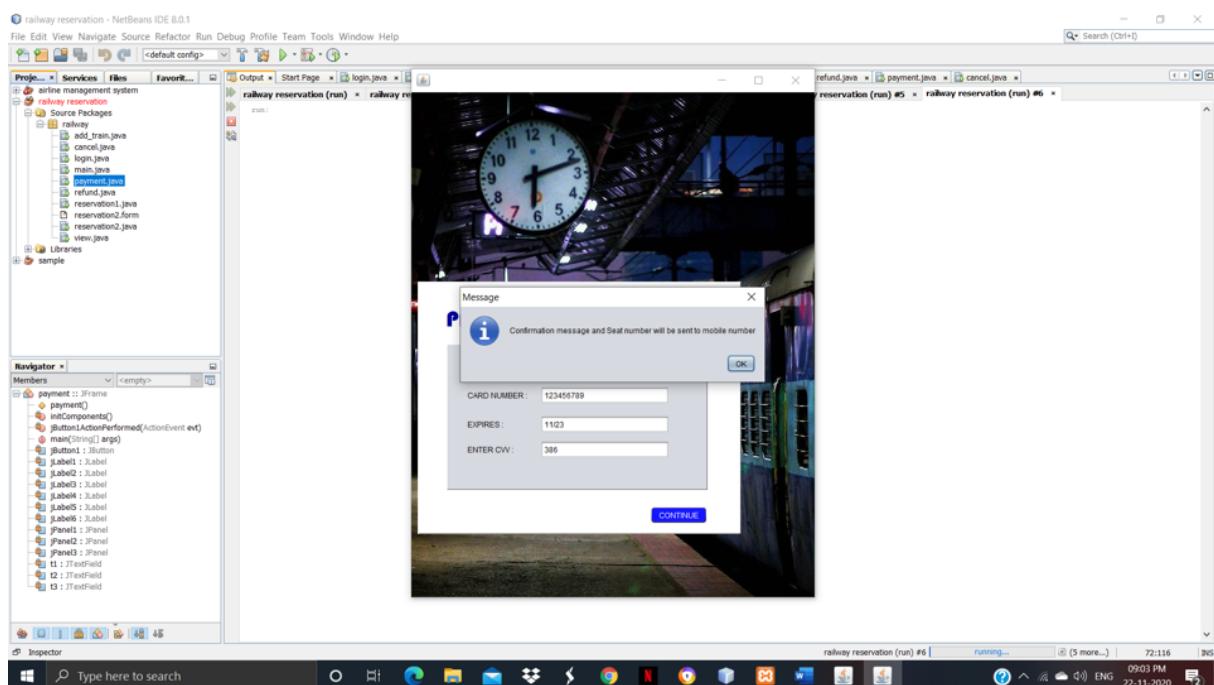
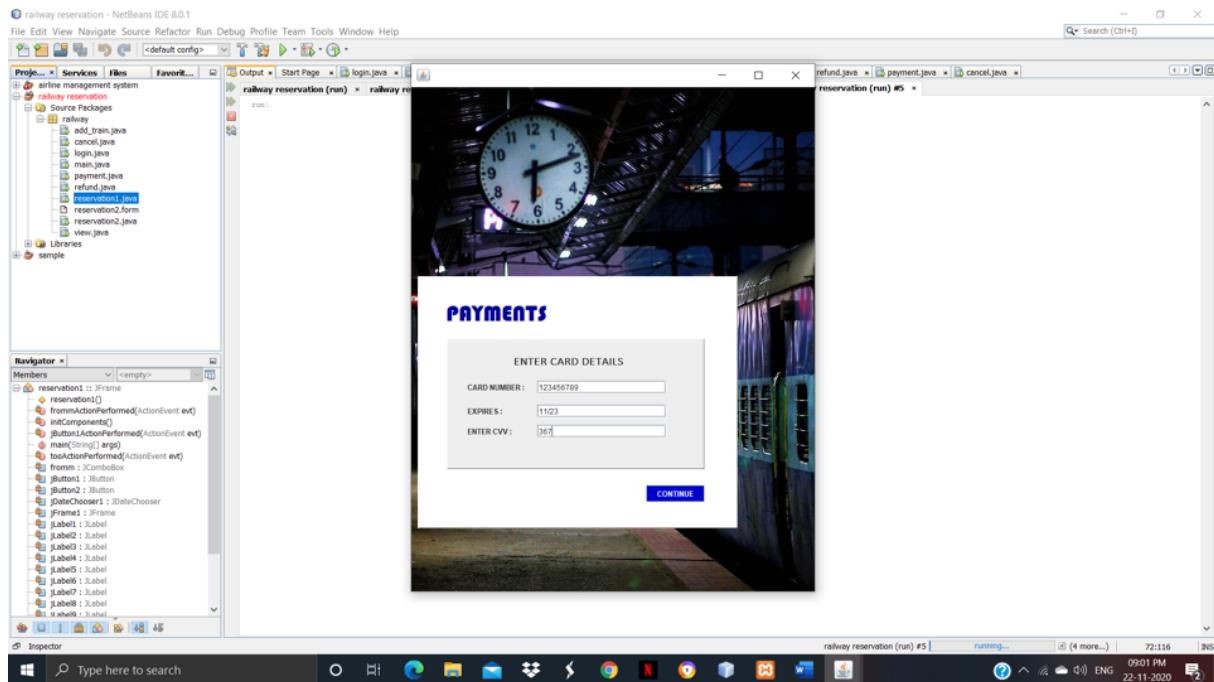
- Then from the available trains , the user can choose their trains for travel.
  - The Passenger Name , Age , Date and Mobile Number has to be eneterd by the user.



- After entering the details BOOK option has to be selected by the user.
- After which payment details has to be entered in the newly opened payment page.



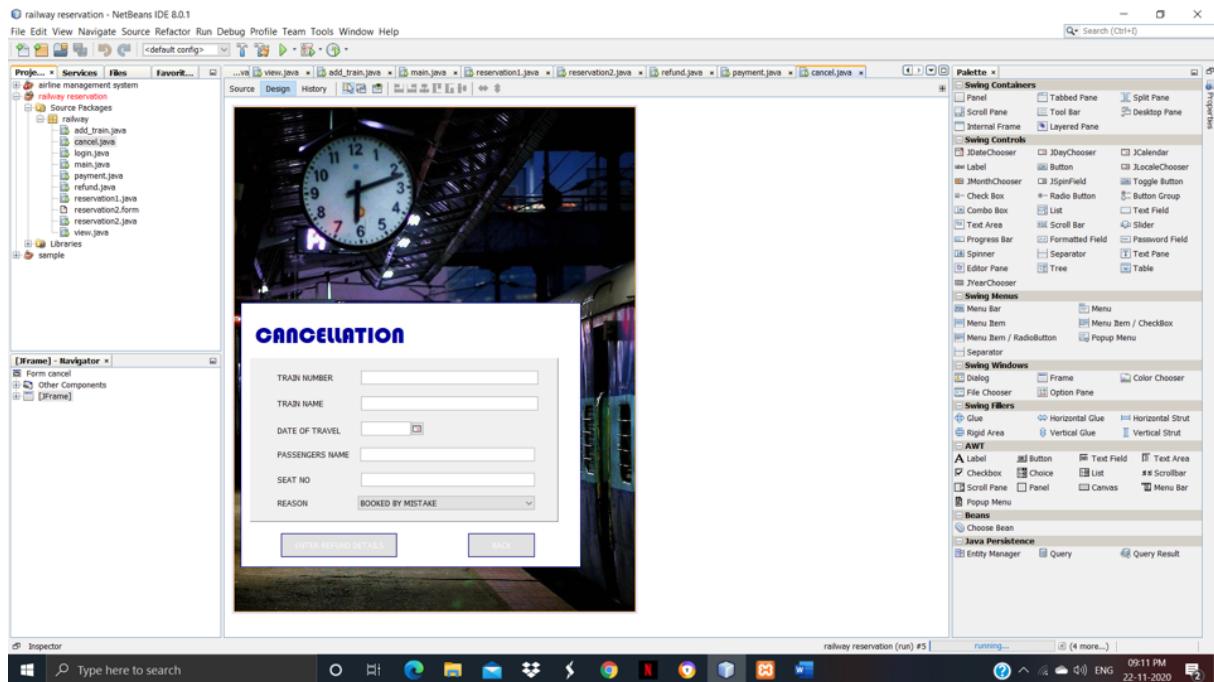
- Once the required details are entered , a pop up message is shown.



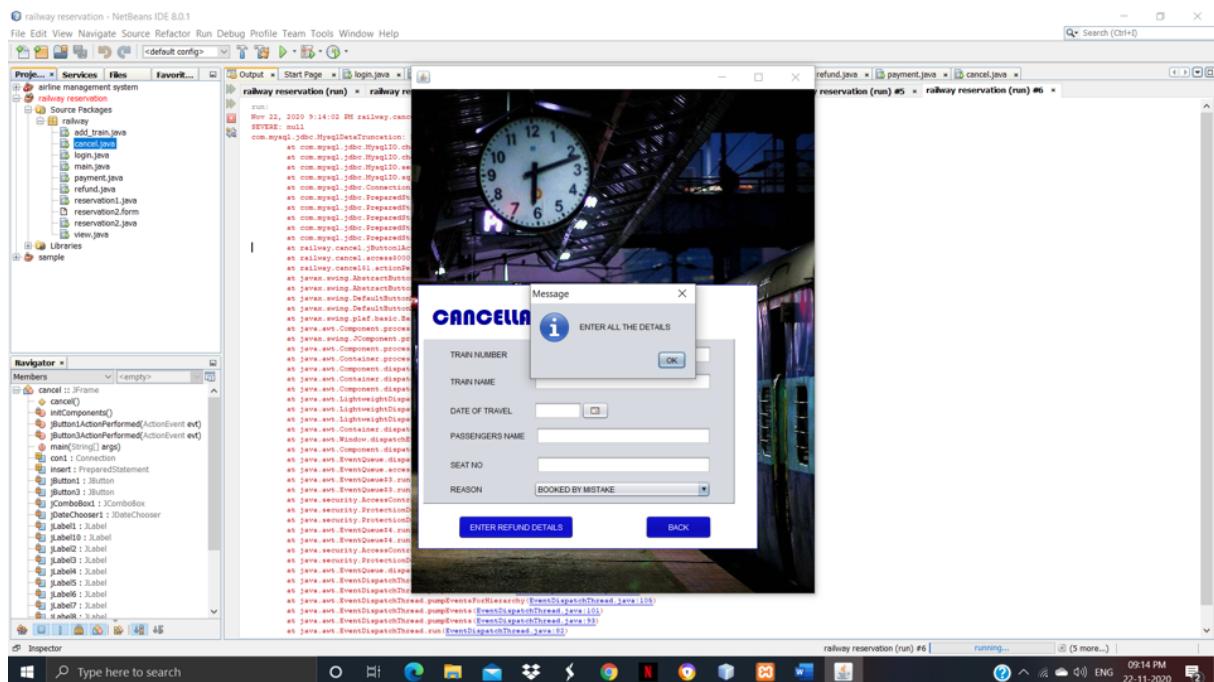
- After the pop up message is shown , main page is opened.

## STEP 6: Cancel Ticket

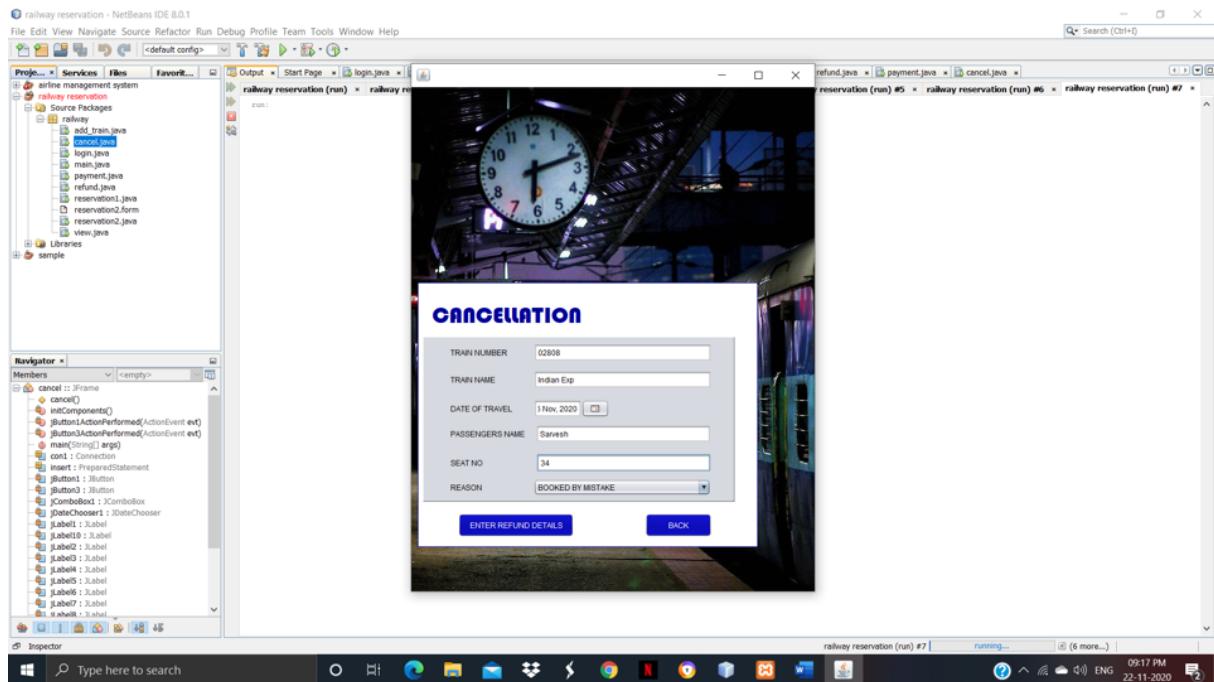
- Already booked tickets can be cancelled and refund can be requested by selecting the CANCEL TICKET option in main page.



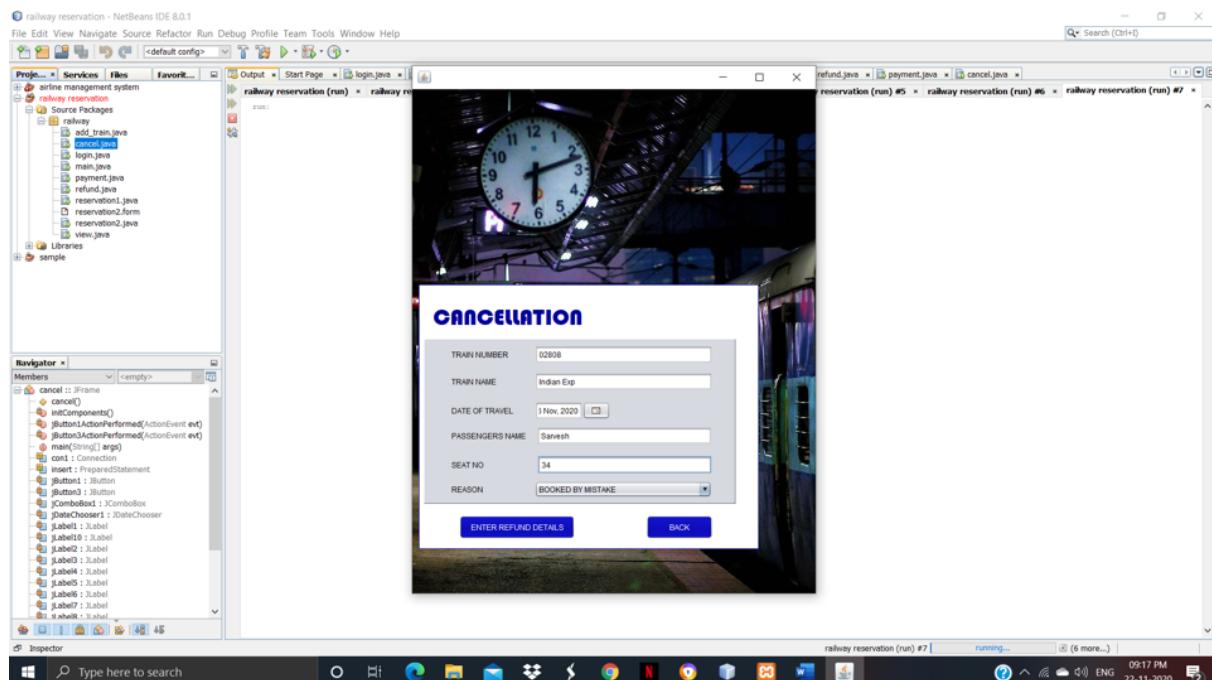
- The required details for cancellation has to be entered by the user.
- After entering all the proper details, the user can request for refund of the ticket amount.



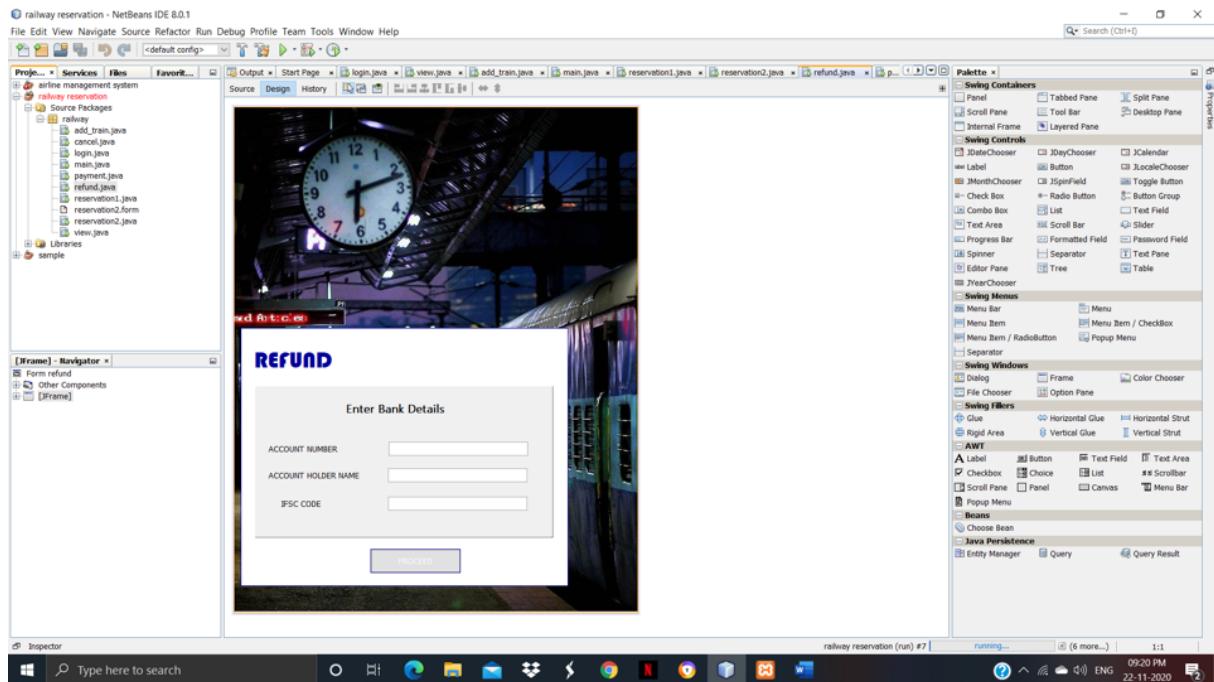
- If the user request for refund before entering all the details , a pop up window is shown with the message “Enter All The Details”.
- Now the user has to enter all the details, then again request for refund.



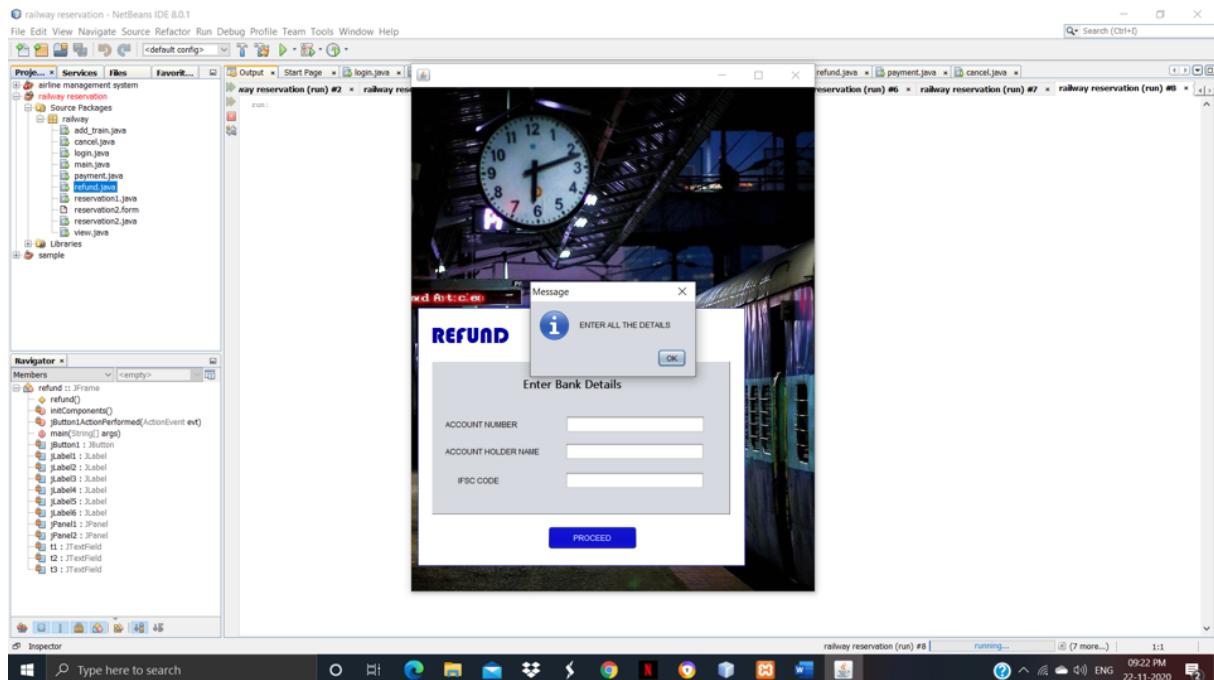
- Now after entering details , the user has to select ENTER REFUND DETAILS option available below, which redirects the user to the refund page.
- Otherwise if back is selected , the main page is opened automatically.



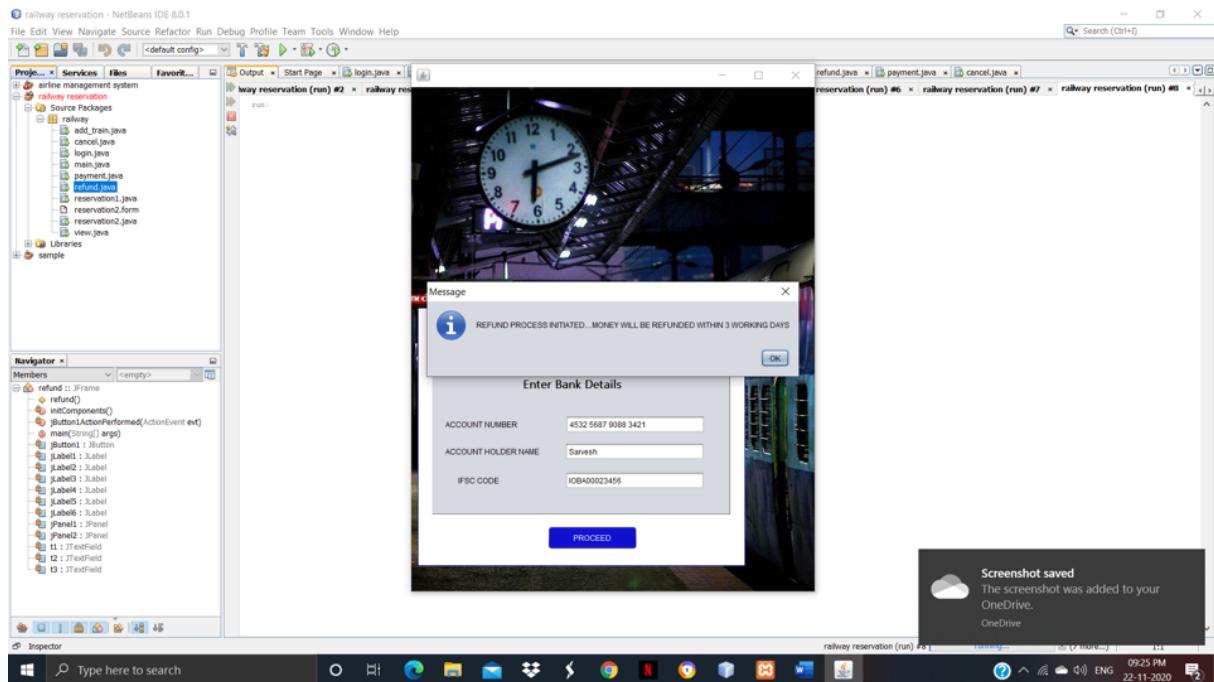
- The refund is shown below,



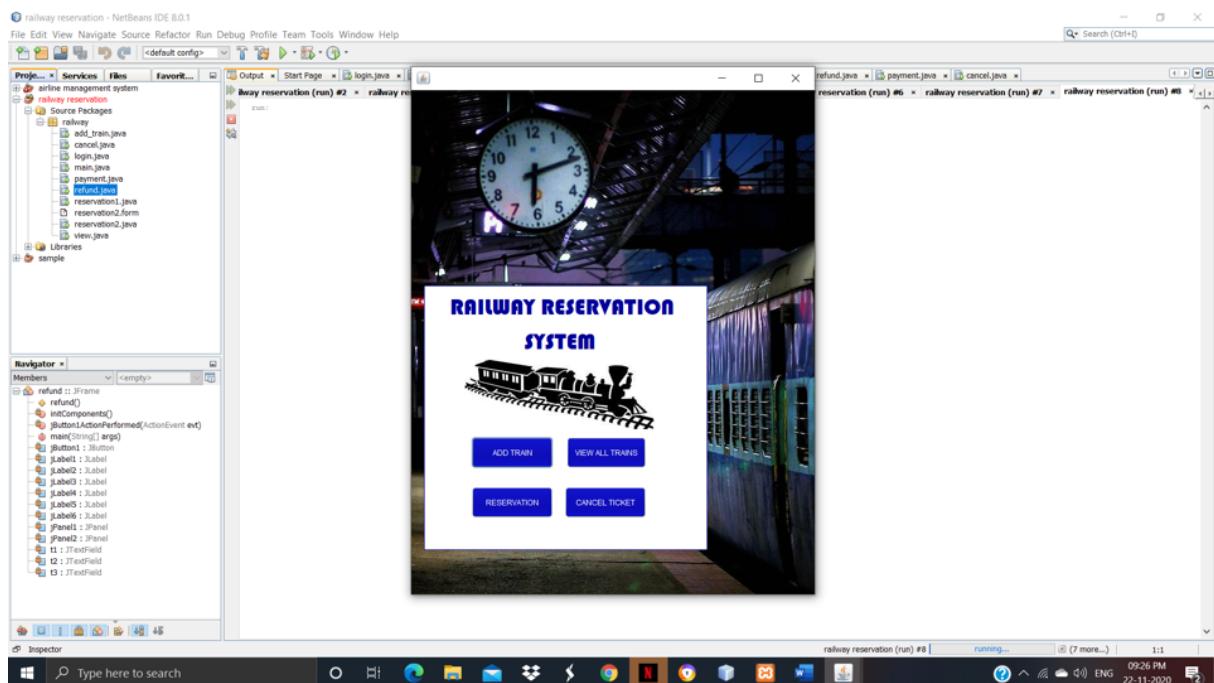
- The user now has to enter all the details to request refund.
- If all the details are not entered, a pop up window will be shown with the message “Enter All The Details”.



- After entering all the details correctly, the refund will be successful and a pop up window is shown to confirm the refund.



- After this the main page is again opened.



**CODE:**

***Login Page:***

```
package railway;  
import javax.swing.JOptionPane;  
public class login extends javax.swing.JFrame {  
  
    public login()  
    {  
        initComponents();  
    }  
    @SuppressWarnings("unchecked")  
    private void initComponents() {  
  
        jLabel5 = new javax.swing.JLabel();  
        jLabel4 = new javax.swing.JLabel();  
        jPanel2 = new javax.swing.JPanel();  
        jLabel6 = new javax.swing.JLabel();  
        jPanel3 = new javax.swing.JPanel();  
        jLabel1 = new javax.swing.JLabel();  
        jPanel11 = new javax.swing.JPanel();  
        jLabel2 = new javax.swing.JLabel();  
        jLabel3 = new javax.swing.JLabel();  
        t1 = new javax.swing.JTextField();  
        t2 = new javax.swing.JPasswordField();
```



```
        .addComponent(jLabel6,
javax.swing.GroupLayout.PREFERRED_SIZE, 252,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addContainerGap()

);

jPanel2Layout.setVerticalGroup()

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

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(jLabel6)

.addGap(0, 0, Short.MAX_VALUE))

);

getContentPane().add(jPanel2, new
org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 260, 510));

jPanel3.setBackground(new java.awt.Color(255, 255, 255));

jLabel1.setFont(new java.awt.Font("Bauhaus 93", 0, 48)); // NOI18N
jLabel1.setForeground(new java.awt.Color(0, 0, 153));
jLabel1.setText("LOGIN");

jPanel1.setBackground(new java.awt.Color(255, 255, 255));
jPanel1.setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 0)));
```

```
jLabel2.setFont(new java.awt.Font("Arial Rounded MT Bold", 0, 13)); //  
NOI18N
```

```
jLabel2.setText("USERNAME :");
```

```
jLabel3.setFont(new java.awt.Font("Arial Rounded MT Bold", 0, 13)); //  
NOI18N
```

```
jLabel3.setText("PASSWORD :");
```

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

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

```
jPanel1Layout.setHorizontalGroup(
```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA  
DING)
```

```
.addGroup(jPanel1Layout.createSequentialGroup()
```

```
.addContainerGap()
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align  
ment.LEADING, false)
```

```
    .addComponent(jLabel3,  
    javax.swing.GroupLayout.PREFERRED_SIZE, 104,  
    javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(jLabel2,  
    javax.swing.GroupLayout.PREFERRED_SIZE, 89,  
    javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(t1, javax.swing.GroupLayout.DEFAULT_SIZE,  
197, Short.MAX_VALUE)
```

```
    .addComponent(t2))
```

```
.addContainerGap(29, Short.MAX_VALUE))  
);  
jPanel1Layout.setVerticalGroup(  
  
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
 .addGroup(jPanel1Layout.createSequentialGroup()  
 .addGap(42, 42, 42)  
 .addComponent(jLabel2,  
 javax.swing.GroupLayout.PREFERRED_SIZE, 25,  
 javax.swing.GroupLayout.PREFERRED_SIZE)  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
 .addComponent(t1, javax.swing.GroupLayout.PREFERRED_SIZE,  
 33, javax.swing.GroupLayout.PREFERRED_SIZE)  
 .addGap(33, 33, 33)  
 .addComponent(jLabel3,  
 javax.swing.GroupLayout.PREFERRED_SIZE, 32,  
 javax.swing.GroupLayout.PREFERRED_SIZE)  
  
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
 .addComponent(t2, javax.swing.GroupLayout.PREFERRED_SIZE,  
 32, javax.swing.GroupLayout.PREFERRED_SIZE)  
 .addContainerGap(32, Short.MAX_VALUE))  
);  
  
jButton2.setBackground(new java.awt.Color(0, 0, 153));  
jButton2.setForeground(new java.awt.Color(255, 255, 255));
```

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

jButton1.setBackground(new java.awt.Color(0, 0, 153));
jButton1.setForeground(new java.awt.Color(255, 255, 255));
jButton1.setText("LOGIN");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

javax.swing.GroupLayout jPanel3Layout = new
javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
    jPanel3Layout.createSequentialGroup()
        .addGap(61, Short.MAX_VALUE)
        .addContainerGap(61, Short.MAX_VALUE)
    )
);
```

```
        .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 83,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(36, 36, 36)

        .addComponent(jButton2)

        .addGap(93, 93, 93))

.addGroup(jPanel3Layout.createSequentialGroup()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup()

        .addGroup(jPanel3Layout.createSequentialGroup()

        .addGap(47, 47, 47)

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

        .addGroup(jPanel3Layout.createSequentialGroup()

        .addGap(91, 91, 91)

        .addComponent(jLabel1,
javax.swing.GroupLayout.PREFERRED_SIZE, 157,
javax.swing.GroupLayout.PREFERRED_SIZE)))

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

);

jPanel3Layout.setVerticalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup()
```

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

    .addComponent(jLabel1,
javax.swing.GroupLayout.PREFERRED_SIZE, 61,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addGap(18, 18, 18)

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

    .addGap(65, 65, 65)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 35,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

    .addContainerGap(64, Short.MAX_VALUE))

);

getContentPane().add(jPanel3, new
org.netbeans.lib.awtextra.AbsoluteConstraints(260, -10, 350, 520));

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

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
    if(t1.getText().equals("") && t2.getText().equals(""))  
    {  
        JOptionPane.showMessageDialog(this, "ENTER DETAILS");  
    }  
  
    else if(t1.getText().equals("admin") && t2.getText().equals("123"))  
    {  
        main m = new main();  
        this.hide();  
        m.setVisible(true);  
    }  
  
    else  
    {  
        JOptionPane.showMessageDialog(this, "INCORRECT LOGIN  
DETAILS");  
    }  
  
}  
  
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {  
    System.exit(0);  
}
```

```
public static void main(String args[]) {  
    java.awt.EventQueue.invokeLater(new Runnable() {  
        public void run() {  
            new login().setVisible(true);  
        }  
    });  
}  
  
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.JPanel jPanel1;  
private javax.swing.JPanel jPanel2;  
private javax.swing.JPanel jPanel3;  
private javax.swing.JTextField t1;  
private javax.swing.JPasswordField t2;  
}
```

***Main page:***

ackage railway;

```
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;

public class main extends javax.swing.JFrame {

    public main() {
        initComponents();
    }

    @SuppressWarnings("unchecked")
    private void initComponents() {

        jCheckBox1 = new javax.swing.JCheckBox();
        jLabel2 = new javax.swing.JLabel();
        jLabel5 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();
        jPanel1 = new javax.swing.JPanel();
        lab = new javax.swing.JLabel();
        jPanel2 = new javax.swing.JPanel();
        jPanel3 = new javax.swing.JPanel();
        jPanel4 = new javax.swing.JPanel();
        jLabel1 = new javax.swing.JLabel();
```

```
jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();
jLabel3 = new javax.swing.JLabel();
jLabel8 = new javax.swing.JLabel();
jButton4 = new javax.swing.JButton();
jLabel6 = new javax.swing.JLabel();
jLabel7 = new javax.swing.JLabel();

jCheckBox1.setText("jCheckBox1");

jLabel2.setText("jLabel2");

jLabel5.setText("jLabel5");

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jPanel1.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
jPanel1.add(lab, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));

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

```
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
    .addGap(0, 0, Short.MAX_VALUE)
```

```
);
```

```
jPanel2Layout.setVerticalGroup(
```

```
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
    .addGap(0, 0, Short.MAX_VALUE)
```

```
);
```

```
jPanel1.add(jPanel2, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(340, 80, -1, -1));
```

```
javax.swing.GroupLayout jPanel3Layout = new  
javax.swing.GroupLayout(jPanel3);
```

```
jPanel3.setLayout(jPanel3Layout);
```

```
jPanel3Layout.setHorizontalGroup(
```

```
jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
    .addGap(0, 0, Short.MAX_VALUE)
```

```
);
```

```
jPanel3Layout.setVerticalGroup(
```

```
jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGap(0, 0, Short.MAX_VALUE)

);

jPanel1.add(jPanel3, new
org.netbeans.lib.awtextra.AbsoluteConstraints(500, 90, -1, -1));

jPanel4.setBackground(new java.awt.Color(255, 255, 255));

jPanel4.setBorder(javax.swing.BorderFactory.createMatteBorder(1, 1, 1, 1,
new java.awt.Color(0, 0, 153)));

jLabel1.setBackground(new java.awt.Color(51, 51, 51));

jLabel1.setFont(new java.awt.Font("Bauhaus 93", 0, 36)); // NOI18N

jLabel1.setForeground(new java.awt.Color(0, 0, 153));

jLabel1.setText("RAILWAY RESERVATION ");

jButton1.setBackground(new java.awt.Color(0, 0, 153));

jButton1.setForeground(new java.awt.Color(255, 255, 255));

jButton1.setText("ADD TRAIN");

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

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

        jButton1ActionPerformed(evt);

    }

});

jButton2.setBackground(new java.awt.Color(0, 0, 153));
```

```
jButton2.setForeground(new java.awt.Color(255, 255, 255));
jButton2.setText("RESERVATION");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

jButton3.setBackground(new java.awt.Color(0, 0, 153));
jButton3.setForeground(new java.awt.Color(255, 255, 255));
jButton3.setText("CANCEL TICKET");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});

jLabel3.setFont(new java.awt.Font("Bauhaus 93", 0, 36)); // NOI18N
jLabel3.setForeground(new java.awt.Color(0, 0, 153));
jLabel3.setText("SYSTEM");

jLabel8.setIcon(new
javax.swing.ImageIcon("C:\\\\Users\\\\User\\\\OneDrive\\\\Desktop\\\\images11.jpg"));

jButton4.setBackground(new java.awt.Color(0, 0, 153));
```

```
jButton4.setForeground(new java.awt.Color(255, 255, 255));  
jButton4.setText("VIEW ALL TRAINS");  
jButton4.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton4ActionPerformed(evt);  
    }  
});  
  
javax.swing.GroupLayout jPanel4Layout = new  
javax.swing.GroupLayout(jPanel4);  
jPanel4.setLayout(jPanel4Layout);  
jPanel4Layout.setHorizontalGroup(  
  
jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
    .addGroup(jPanel4Layout.createSequentialGroup()  
  
    .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(jPanel4Layout.createSequentialGroup()  
            .addGap(158, 158, 158)  
            .addComponent(jLabel3))  
        .addGroup(jPanel4Layout.createSequentialGroup()  
            .addGap(64, 64, 64)  
  
    .addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addComponent(jLabel3))  
    .addGroup(jPanel4Layout.createSequentialGroup()  
        .addGap(158, 158, 158)  
        .addComponent(jLabel3))  
});
```

```
        .addComponent(jLabel8,
javax.swing.GroupLayout.PREFERRED_SIZE, 311,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGroup(jPanel4Layout.createSequentialGroup()

            .addGap(10, 10, 10)

.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

            .addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE, 130,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 130,
javax.swing.GroupLayout.PREFERRED_SIZE))

            .addGap(18, 18, 18)

.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

            .addComponent(jButton4)

            .addComponent(jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE, 130,
javax.swing.GroupLayout.PREFERRED_SIZE)))))

        .addGroup(jPanel4Layout.createSequentialGroup()

            .addGap(40, 40, 40)

            .addComponent(jLabel1)))

        .addContainerGap(43, Short.MAX_VALUE))

);

jPanel4Layout.setVerticalGroup(
```

```
jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(jPanel4Layout.createSequentialGroup()
```

```
.addContainerGap()
```

```
.addComponent(jLabel1)
```

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

```
.addComponent(jLabel3,
```

```
javax.swing.GroupLayout.PREFERRED_SIZE, 45,  
javax.swing.GroupLayout.PREFERRED_SIZE)
```

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

```
.addComponent(jLabel8)
```

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

```
.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
```

```
.addComponent(jButton1,
```

```
javax.swing.GroupLayout.DEFAULT_SIZE, 50, Short.MAX_VALUE)
```

```
.addComponent(jButton4,
```

```
javax.swing.GroupLayout.DEFAULT_SIZE,
```

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

```
.addGap(29, 29, 29)
```

```
.addGroup(jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
        .addComponent(jButton2,
javax.swing.GroupLayout.PREFERRED_SIZE, 50,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE, 50,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addContainerGap(40, Short.MAX_VALUE))

);
```

```
jPanel1.add(jPanel4, new
org.netbeans.lib.awtextra.AbsoluteConstraints(20, 310, 450, 420));
```

```
jLabel6.setIcon(new
javax.swing.ImageIcon("C:\\Users\\User\\OneDrive\\Desktop\\TRAIN.jpg")); // NOI18N

jPanel1.add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(0,
0, -1, -1));
```

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

jPanel1.add(jLabel7, new
org.netbeans.lib.awtextra.AbsoluteConstraints(540, 440, -1, -1));
```

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

layout.setVerticalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
);
}

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

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    add_train a = new add_train();
    this.hide();
    a.setVisible(true);
}

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

```
reservation1 r = null;

try {
    r = new reservation1();
} catch (SQLException ex) {
    Logger.getLogger(main.class.getName()).log(Level.SEVERE, null, ex);
}

r.setVisible(true);

}

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

cancel c = new cancel();

c.setVisible(true);

}

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

view v = null;

try {
    v = new view();
} catch (SQLException ex) {
    Logger.getLogger(main.class.getName()).log(Level.SEVERE, null, ex);
}

v.setVisible(true);

}
```

```
public static void main(String args[]) {  
    try {  
        for (javax.swing.UIManager.LookAndFeelInfo info :  
            javax.swing.UIManager.getInstalledLookAndFeels()) {  
            if ("Nimbus".equals(info.getName())) {  
                javax.swing.UIManager.setLookAndFeel(info.getClassName());  
                break;  
            }  
        }  
    } catch (ClassNotFoundException ex) {  
  
        java.util.logging.Logger.getLogger(main.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
    } catch (InstantiationException ex) {  
  
        java.util.logging.Logger.getLogger(main.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
    } catch (IllegalAccessException ex) {  
  
        java.util.logging.Logger.getLogger(main.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {  
  
        java.util.logging.Logger.getLogger(main.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
    }  
    java.awt.EventQueue.invokeLater(new Runnable() {  
        public void run() {
```

```
        new main().setVisible(true);

    }

});

}

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JButton jButton4;

private javax.swing.JCheckBox jCheckBox1;

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.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

private javax.swing.JPanel jPanel3;

private javax.swing.JPanel jPanel4;

private javax.swing.JLabel lab;

// End of variables declaration

}
```

**Add Train:**

```
package railway;

import com.mysql.jdbc.*;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.SQLException;
import java.sql.ResultSet;
import java.sql.Statement;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;

public final class add_train extends javax.swing.JFrame {

    public add_train() {
        initComponents();
        Connect();
    }

    Connection con;
    PreparedStatement pst;
```

```
public void Connect()
{
    try {
        Class.forName("com.mysql.jdbc.Driver");
        con =
        DriverManager.getConnection("jdbc:mysql://localhost/railway","root","");
    } catch (ClassNotFoundException | SQLException ex) {
        Logger.getLogger(add_train.class.getName()).log(Level.SEVERE, null,
ex);
    }
}

private void initComponents() {

    jButton5 = new javax.swing.JButton();
    jPanel2 = new javax.swing.JPanel();
    jPanel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    t1 = new javax.swing.JTextField();
    jLabel2 = new javax.swing.JLabel();
    t2 = new javax.swing.JTextField();
    jLabel3 = new javax.swing.JLabel();
    t3 = new javax.swing.JTextField();
}
```

```
jLabel4 = new javax.swing.JLabel();
t4 = new javax.swing.JTextField();
jLabel5 = new javax.swing.JLabel();
t10 = new javax.swing.JTextField();
jLabel9 = new javax.swing.JLabel();
t5 = new javax.swing.JComboBox();
jLabel10 = new javax.swing.JLabel();
t6 = new javax.swing.JTextField();
jLabel11 = new javax.swing.JLabel();
t7 = new javax.swing.JTextField();
jLabel12 = new javax.swing.JLabel();
t9 = new javax.swing.JTextField();
jLabel13 = new javax.swing.JLabel();
t8 = new javax.swing.JTextField();
jLabel6 = new javax.swing.JLabel();
b2 = new javax.swing.JButton();
b4 = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();
b3 = new javax.swing.JButton();
jLabel7 = new javax.swing.JLabel();
jLabel8 = new javax.swing.JLabel();
jPanel3 = new javax.swing.JPanel();
jPanel4 = new javax.swing.JPanel();

jButton5.setText("jButton5");
```

```
        getContentPane().setLayout(new  
org.netbeans.lib.awtextra.AbsoluteLayout());  
  
jPanel2.setBackground(new java.awt.Color(255, 255, 255));  
jPanel2.setBorder(new  
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED  
));  
  
jPanel1.setBorder(new  
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED  
));  
  
jLabel1.setText("TRAIN NUMBER");  
  
t1.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        t1ActionPerformed(evt);  
    }  
});  
  
jLabel2.setText("TRAIN NAME");  
  
jLabel3.setText("FROM");  
  
t3.addActionListener(new java.awt.event.ActionListener() {
```

```
public void actionPerformed(java.awt.event.ActionEvent evt) {  
    t3ActionPerformed(evt);  
}  
});  
  
jLabel4.setText("TO");  
  
jLabel5.setText("PRICE");  
  
jLabel9.setText("CLASS TYPE");  
  
t5.setModel(new javax.swing.DefaultComboBoxModel(new String[] {"SL", "FC", "CC", "GN", "2S"}));  
t5.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        t5ActionPerformed(evt);  
    }  
});  
  
jLabel10.setText("DEPARTURE TIME");  
  
jLabel11.setText("ARRIVAL TIME");  
  
jLabel12.setText("TRAVEL TIME");
```

```
jLabel13.setText("TOTAL DISTANCE");

javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEA
DING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addGap(36, 36, 36)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Align
ment.LEADING, false)
.addComponent(jLabel2,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel1,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel3,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(jLabel4)

.addComponent(jLabel5)

.addComponent(jLabel9)
```

```
        .addComponent(jLabel10,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

        .addComponent(jLabel11)

        .addComponent(jLabel12)

        .addComponent(jLabel13))

.addGap(36, 36, 36)

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

        .addComponent(t1, javax.swing.GroupLayout.DEFAULT_SIZE,
161, Short.MAX_VALUE)

        .addComponent(t2)

        .addComponent(t3)

        .addComponent(t4)

        .addComponent(t10)

        .addComponent(t5, javax.swing.GroupLayout.PREFERRED_SIZE,
61, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(t6)

        .addComponent(t7)

        .addComponent(t9)

        .addComponent(t8))

.addContainerGap(19, Short.MAX_VALUE))

);

jPanel1Layout.setVerticalGroup(

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

```
.addGroup(jPanel1Layout.createSequentialGroup()
    .addGap(36, 36, 36)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel1)
        .addComponent(t1, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel2)
        .addComponent(t2, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(10, 10, 10)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(t3, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel3))

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

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
        .addComponent(t4, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel4))

        .addGap(18, 18, 18)

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

        .addComponent(jLabel9)

        .addComponent(t5, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(24, 24, 24)

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

        .addComponent(jLabel10)

        .addComponent(t6, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(18, 18, 18)

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

        .addComponent(jLabel11)

        .addComponent(t7, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

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

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel13)
        .addComponent(t8, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE))

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel12)
        .addComponent(t9, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE))

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel5)
        .addComponent(t10,
        javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE,
        javax.swing.GroupLayout.PREFERRED_SIZE))

.addContainerGap())
);
```

```
jLabel6.setFont(new java.awt.Font("Bauhaus 93", 0, 24)); // NOI18N  
jLabel6.setForeground(new java.awt.Color(0, 0, 153));  
jLabel6.setText("ADD TRAIN");  
  
  
b2.setBackground(new java.awt.Color(0, 0, 153));  
b2.setForeground(new java.awt.Color(255, 255, 255));  
b2.setText("ADD TRAIN");  
b2.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        b2ActionPerformed(evt);  
    }  
});  
  
  
b4.setBackground(new java.awt.Color(0, 0, 153));  
b4.setForeground(new java.awt.Color(255, 255, 255));  
b4.setText("BACK");  
b4.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        b4ActionPerformed(evt);  
    }  
});  
  
  
jButton3.setBackground(new java.awt.Color(0, 0, 204));  
jButton3.setText("DELETE");  
jButton3.addActionListener(new java.awt.event.ActionListener() {
```

```
public void actionPerformed(java.awt.event.ActionEvent evt) {  
    jButton3ActionPerformed(evt);  
}  
});  
  
b3.setBackground(new java.awt.Color(0, 0, 153));  
b3.setForeground(new java.awt.Color(255, 255, 255));  
b3.setText("DELETE");  
b3.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        b3ActionPerformed(evt);  
    }  
});  
  
javax.swing.GroupLayout jPanel2Layout = new  
javax.swing.GroupLayout(jPanel2);  
jPanel2.setLayout(jPanel2Layout);  
jPanel2Layout.setHorizontalGroup(  
  
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
.addGroup(jPanel2Layout.createSequentialGroup()  
  
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
.addGroup(jPanel2Layout.createSequentialGroup()  
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
.addGroup(jPanel2Layout.createSequentialGroup())
```

```
.addContainerGap()  
    .addComponent(jPanel1,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
  
    .addGap(658, 658, 658)  
  
    .addComponent(jButton3))  
  
.addGroup(jPanel2Layout.createSequentialGroup())  
  
    .addGap(30, 30, 30)  
  
    .addComponent(b2)  
  
    .addGap(27, 27, 27)  
  
    .addComponent(b3)  
  
    .addGap(29, 29, 29)  
  
    .addComponent(b4))  
  
.addGroup(jPanel2Layout.createSequentialGroup())  
  
    .addGap(32, 32, 32)  
  
    .addComponent(jLabel6,  
javax.swing.GroupLayout.PREFERRED_SIZE, 179,  
javax.swing.GroupLayout.PREFERRED_SIZE)))  
  
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,  
Short.MAX_VALUE))  
);  
  
jPanel2Layout.setVerticalGroup(  
  
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
  
.addGroup(jPanel2Layout.createSequentialGroup()
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(367, 367, 367)
            .addComponent(jButton3))
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addGap(19, 19, 19)
            .addComponent(jLabel6,
javax.swing.GroupLayout.PREFERRED_SIZE, 29,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(18, 18, 18)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(b2)
        .addComponent(b3)
        .addComponent(b4))
        .addContainerGap(63, Short.MAX_VALUE))
);

getContentPane().add(jPanel2, new
org.netbeans.lib.awtextra.AbsoluteConstraints(10, 200, 410, 580));
```

```
        getContentPane().add(jLabel7, new
org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 640, -1));

        jLabel8.setIcon(new
javax.swing.ImageIcon("C:\\Users\\User\\OneDrive\\Desktop\\TRAIN.jpg")); // NOI18N
        jLabel8.setText("ba");

        getContentPane().add(jLabel8, new
org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 640, 800));

        javax.swing.GroupLayout jPanel3Layout = new
javax.swing.GroupLayout(jPanel3);
        jPanel3.setLayout(jPanel3Layout);
        jPanel3Layout.setHorizontalGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGap(0, 100, Short.MAX_VALUE)
);
        jPanel3Layout.setVerticalGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGap(0, 100, Short.MAX_VALUE)
);

        getContentPane().add(jPanel3, new
org.netbeans.lib.awtextra.AbsoluteConstraints(470, -50, -1, -1));
```

```
    javax.swing.GroupLayout jPanel4Layout = new
    javax.swing.GroupLayout(jPanel4);
    jPanel4.setLayout(jPanel4Layout);
    jPanel4Layout.setHorizontalGroup(
        jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGap(0, 100, Short.MAX_VALUE)
    );
    jPanel4Layout.setVerticalGroup(
        jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGap(0, 100, Short.MAX_VALUE)
    );
    getContentPane().add(jPanel4, new
    org.netbeans.lib.awtextra.AbsoluteConstraints(190, 200, -1, -1));
    pack();
    setLocationRelativeTo(null);
}// </editor-fold>

private void t1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}
```

```
private void t3ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}  
  
  
private void b2ActionPerformed(java.awt.event.ActionEvent evt) {  
  
    String train_no = t1.getText();  
    String train_name = t2.getText();  
    String from_place = t3.getText();  
    String to_place = t4.getText();  
    String class_type = t5.getSelectedItem().toString();  
    String departure_time = t6.getText();  
    String arrival_time = t7.getText();  
    String price = t10.getText();  
    String travel_time = t9.getText();  
    String total_distance = t8.getText();  
  
  
    try {  
        pst = con.prepareStatement("insert into  
traindata(train_no,train_name,from_place,to_place,class_type,departure_time,ar  
rival_time,total_distance,travel_time,price)values(?,?,?,?,?,?,?,?,?,?)");  
  
  
        pst.setString(1,train_no);
```

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

    pst.setString(3,from_place );
    pst.setString(4,to_place);

    pst.setString(5,class_type);
    pst.setString(6,departure_time);
    pst.setString(7,arrival_time);
    pst.setString(8,total_distance );
    pst.setString(9,travel_time );

    pst.setString(10,price);

int k = pst.executeUpdate();

if(k==1)

{
    JOptionPane.showMessageDialog(this, "RECORD ADDED");
}

else

{
    JOptionPane.showMessageDialog(this, "RECORD FAILED");
}
```

```
t1.setText("");
t2.setText("");
t3.setText("");
t4.setText("");
t6.setText("");
t7.setText("");
t8.setText("");
t9.setText("");
t10.setText("");
t1.requestFocus();

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

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

```
    t1.setText("");
    t2.setText("");
    t3.setText("");
    t4.setText("");
    t10.setText("");
}

}
```

```
private void b4ActionPerformed(java.awt.event.ActionEvent evt) {
    main m = new main();
    m.setVisible(true);
}

}
```

```
private void t5ActionPerformed(java.awt.event.ActionEvent evt) {
}

}
```

```
private void b3ActionPerformed(java.awt.event.ActionEvent evt) {
    t1.setText("");
    t2.setText("");
    t3.setText("");
    t4.setText("");
    t6.setText("");
    t7.setText("");
    t8.setText("");
    t9.setText("");
}
```

```
t10.setText("");  
}  
  
public static void main(String args[]) {  
    try {  
        for (javax.swing.UIManager.LookAndFeelInfo info :  
            javax.swing.UIManager.getInstalledLookAndFeels()) {  
            if ("Nimbus".equals(info.getName())) {  
                javax.swing.UIManager.setLookAndFeel(info.getClassName());  
                break;  
            }  
        }  
    } catch (ClassNotFoundException ex) {  
  
        java.util.logging.Logger.getLogger(add_train.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
    } catch (InstantiationException ex) {  
  
        java.util.logging.Logger.getLogger(add_train.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
    } catch (IllegalAccessException ex) {  
  
        java.util.logging.Logger.getLogger(add_train.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {  
  
        java.util.logging.Logger.getLogger(add_train.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
    }  
}
```

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

```
private javax.swing.JButton b2;  
private javax.swing.JButton b3;  
private javax.swing.JButton b4;  
private javax.swing.JButton jButton3;  
private javax.swing.JButton jButton5;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel10;  
private javax.swing.JLabel jLabel11;  
private javax.swing.JLabel jLabel12;  
private javax.swing.JLabel jLabel13;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel6;  
private javax.swing.JLabel jLabel7;
```

```
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JPanel jPanel4;
private javax.swing.JTextField t1;
private javax.swing.JTextField t10;
private javax.swing.JTextField t2;
private javax.swing.JTextField t3;
private javax.swing.JTextField t4;
private javax.swing.JComboBox t5;
private javax.swing.JTextField t6;
private javax.swing.JTextField t7;
private javax.swing.JTextField t8;
private javax.swing.JTextField t9;

}
```

***View Trains:***

```
package railway;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.ResultSetMetaData;
import java.sql.SQLException;
import java.util.Vector;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.table.DefaultTableModel;
public final class view extends javax.swing.JFrame {
    public view() throws SQLException {
        initComponents();
        Connect();
        train_table();
    }
    Connection con;
    PreparedStatement pst;
    ResultSet rs;
```

```
public void Connect()
{
    try {
        Class.forName("com.mysql.jdbc.Driver");
        con =
        DriverManager.getConnection("jdbc:mysql://localhost/railway","root","");
    } catch (ClassNotFoundException | SQLException ex) {
        Logger.getLogger(add_train.class.getName()).log(Level.SEVERE, null,
ex);
    }
}

public void train_table() throws SQLException
{
    try{
        pst= con.prepareStatement("select * from traindata");
        rs = pst.executeQuery();
        ResultSetMetaData Rsm = rs.getMetaData();
        int c;
        c = Rsm.getColumnCount();
    }
}
```

```
DefaultTableModel df = (DefaultTableModel)jTable1.getModel();
df.setRowCount(0);

while(rs.next())
{
    Vector v2 = new Vector();

    for(int i=0;i<=c;i++)
    {
        v2.add(rs.getString("train_no"));

        v2.add(rs.getString("train_name"));
        v2.add(rs.getString("from_place"));
        v2.add(rs.getString("to_place"));
        v2.add(rs.getString("class_type"));
        v2.add(rs.getString("departure_time"));
        v2.add(rs.getString("arrival_time"));
        v2.add(rs.getString("total_distance"));
        v2.add(rs.getString("travel_time"));
        v2.add(rs.getString("price"));
    }

    df.addRow(v2);
}
```

```
        } catch(SQLException ex) {  
            Logger.getLogger(add_train.class.getName()).log(Level.SEVERE,  
null,ex);  
        }  
    }  
  
    private void initComponents() {  
  
        jPanel1 = new javax.swing.JPanel();  
        jScrollPane1 = new javax.swing.JScrollPane();  
        jTable1 = new javax.swing.JTable();  
        jLabel1 = new javax.swing.JLabel();  
        jButton1 = new javax.swing.JButton();  
        jLabel2 = new javax.swing.JLabel();  
  
        getContentPane().setLayout(new  
org.netbeans.lib.awtextra.AbsoluteLayout());  
  
        jPanel1.setBackground(new java.awt.Color(255, 255, 255));  
        jPanel1.setBorder(new  
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED  
));  
  
        jTable1.setModel(new javax.swing.table.DefaultTableModel(  
new Object [][] {  
},  
new String [] {}));  
        jScrollPane1.setViewportView(jTable1);  
        jPanel1.add(jScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 10, 300, 100));  
        add(jPanel1, "Center");  
    }  
}
```

```
new Object [][] {  
  
},  
new String [] {  
    "NO", "NAME", "FROM", "TO", "CLASS", "DEPARTURE",  
    "ARRIVAL", "DISTANCE", "TIME", "PRICE"  
}  
));  
jScrollPane1.setViewportView(jTable1);  
  
jLabel1.setFont(new java.awt.Font("Bauhaus 93", 0, 36)); // NOI18N  
jLabel1.setForeground(new java.awt.Color(0, 0, 153));  
jLabel1.setText("ALL TRAINS");  
  
jButton1.setBackground(new java.awt.Color(0, 0, 153));  
jButton1.setForeground(new java.awt.Color(255, 255, 255));  
jButton1.setText("BACK");  
jButton1.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton1ActionPerformed(evt);  
    }  
});  
  
javax.swing.GroupLayout jPanel1Layout = new  
javax.swing.GroupLayout(jPanel1);
```

```
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jScrollPane1,
        javax.swing.GroupLayout.DEFAULT_SIZE, 614, Short.MAX_VALUE)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGroup(jPanel1Layout.createParallelGroup()
                        .addGroup(jPanel1Layout.createSequentialGroup()
                            .addGap(32, 32, 32)
                            .addComponent(jLabel1))
                        .addGroup(jPanel1Layout.createSequentialGroup()
                            .addGap(34, 34, 34)
                            .addComponent(jButton1)))
                    .addGapContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
                    Short.MAX_VALUE)))
            );
    jPanel1Layout.setVerticalGroup(
        jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
            jPanel1Layout.createSequentialGroup()
                .addGapContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
                Short.MAX_VALUE)
            )
        );
);
```

```
.addComponent(jLabel1)

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

.addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 235,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGap(28, 28, 28)

.addComponent(jButton1)

.addGap(223, 223, 223))

);

getContentPane().add(jPanel1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(10, 330, 620, 400));

jLabel2.setIcon(new
javax.swing.ImageIcon("C:\\\\Users\\\\User\\\\OneDrive\\\\Desktop\\\\TRAIN.jpg")); // NOI18N

getContentPane().add(jLabel2, new
org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 640, -1));

pack();

setLocationRelativeTo(null);

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
main m = new main();
m.setVisible(true);
}
```

```
}

public static void main(String args[]) {
    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(view.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {

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

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

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

```
java.awt.EventQueue.invokeLater(new Runnable() {  
    public void run() {  
        try {  
            new view().setVisible(true);  
        } catch (SQLException ex) {  
            Logger.getLogger(view.class.getName()).log(Level.SEVERE, null,  
ex);  
        }  
    }  
});  
}  
  
private javax.swing.JButton jButton1;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JPanel jPanel1;  
private javax.swing.JScrollPane jScrollPane1;  
private javax.swing.JTable jTable1;  
}
```

***RESERVATION:***

- **RESERVATION 1:**

ackage railway;

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.ResultSetMetaData;
import java.sql.SQLException;
import java.util.Vector;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.table.DefaultTableModel;
```

```
public final class reservation1 extends javax.swing.JFrame {
    public reservation1() throws SQLException {
        initComponents();
    }
}
```

```
private void initComponents() {
```

```
    jTextField1 = new javax.swing.JTextField();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
```

```
jScrollPane1 = new javax.swing.JScrollPane();
jTable1 = new javax.swing.JTable();
jScrollPane2 = new javax.swing.JScrollPane();
jTable2 = new javax.swing.JTable();
jButton2 = new javax.swing.JButton();
jLabel3 = new javax.swing.JLabel();
jLabel6 = new javax.swing.JLabel();
jPanel2 = new javax.swing.JPanel();
jLabel4 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
too = new javax.swing.JComboBox();
fromm = new javax.swing.JComboBox();
jLabel7 = new javax.swing.JLabel();
jLabel8 = new javax.swing.JLabel();
jDateChooser1 = new com.toedter.calendar.JDateChooser();
jButton1 = new javax.swing.JButton();
jLabel9 = new javax.swing.JLabel();
```

```
javax.swing.GroupLayout jFrame1Layout = new
javax.swing.GroupLayout(jFrame1.getContentPane());
```

```
jFrame1.getContentPane().setLayout(jFrame1Layout);
```

```
jFrame1Layout.setHorizontalGroup(
```

```
jFrame1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addGap(0, 400, Short.MAX_VALUE)
```

```
);

jFrame1Layout.setVerticalGroup(


jFrame1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.L
EADING)

.addGap(0, 300, Short.MAX_VALUE)

);

jLabel1.setBackground(new java.awt.Color(0, 0, 0));

jLabel1.setText("jJGKJLabel1");

jLabel2.setText("BOOK YOUR TICKETS");

jTable1.setModel(new javax.swing.table.DefaultTableModel(
new Object [][] {
{null, null, null, null},
{null, null, null, null},
{null, null, null, null},
{null, null, null, null}
},
new String [] {
"Title 1", "Title 2", "Title 3", "Title 4"
}
));
jScrollPane1.setViewportView(jTable1);
```

```
jTable2.setModel(new javax.swing.table.DefaultTableModel( new Object [][] { {null, null, null, null}, {null, null, null, null}, {null, null, null, null}, {null, null, null, null} }, new String [] { "Title 1", "Title 2", "Title 3", "Title 4" } )); jScrollPane2.setViewportView(jTable2);
```

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

```
jLabel3.setIcon(new javax.swing.ImageIcon("C:\\Users\\User\\OneDrive\\Desktop\\TRAIN.jpg")); // NOI18N  
jLabel3.setBorder(new javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED));
```

```
jLabel6.setIcon(new javax.swing.ImageIcon("C:\\Users\\User\\OneDrive\\Desktop\\TRAIN.jpg")); // NOI18N
```

```
getContentPane().setLayout(new  
org.netbeans.lib.awtextra.AbsoluteLayout());  
  
jPanel2.setBackground(new java.awt.Color(255, 255, 255));  
  
jPanel2.setBorder(new  
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAIS  
ED));  
  
jLabel4.setFont(new java.awt.Font("Bauhaus 93", 0, 36)); // NOI18N  
jLabel4.setForeground(new java.awt.Color(0, 0, 153));  
jLabel4.setText("VIEW TRAINS");  
  
jLabel5.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N  
jLabel5.setText("FROM :");  
  
too.setBackground(new java.awt.Color(0, 0, 153));  
too.setEditable(true);  
too.setForeground(new java.awt.Color(255, 255, 255));  
too.setModel(new javax.swing.DefaultComboBoxModel(new String[] {  
"MUMBAI", "CHENNAI", "DELHI", "KOLKATA", "HYDERABAD" }));  
too.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        tooActionPerformed(evt);  
    }  
});
```

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

fromm.setEditable(true);

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

fromm.setModel(new javax.swing.DefaultComboBoxModel(new
String[] { "CHENNAI", "MUMBAI", "DELHI", "KOLKATA",
"HYDERABAD" }));;

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

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

        frommActionPerformed(evt);

    }

});;

jLabel7.setText("TO :");

jLabel8.setText("DATE :");

jButton1.setBackground(new java.awt.Color(0, 0, 153));

jButton1.setForeground(new java.awt.Color(255, 255, 255));

jButton1.setText("SEARCH");

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

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

        jButton1ActionPerformed(evt);

    }

});;
```

```
javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
ADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Al
ignment.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(26, 26, 26)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Al
ignment.LEADING)
.addComponent(jLabel5)
.addComponent(jLabel7)
.addComponent(jLabel8))
.addGap(18, 18, 18)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Al
ignment.LEADING)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Al
ignment.LEADING, false)
.addComponent(fromm, 0, 196, Short.MAX_VALUE)
.addComponent(too, 0,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
```

```
        .addComponent(jDateChooser1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))

        .addGroup(jPanel2Layout.createSequentialGroup()

        .addContainerGap()

        .addComponent(jLabel4)))

        .addContainerGap(79, Short.MAX_VALUE))

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

        .addGap(0, 0, Short.MAX_VALUE)

        .addComponent(jButton1)

        .addGap(48, 48, 48))

);

jPanel2Layout.setVerticalGroup(


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

        .addGroup(jPanel2Layout.createSequentialGroup()

        .addGap(29, 29, 29)

        .addComponent(jLabel4,
javax.swing.GroupLayout.PREFERRED_SIZE, 56,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

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

```

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

        .addComponent(jLabel5,
javax.swing.GroupLayout.PREFERRED_SIZE, 40,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(20, 20, 20)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(too,
javax.swing.GroupLayout.PREFERRED_SIZE, 25,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jLabel7))

        .addGap(34, 34, 34)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel8)

        .addComponent(jDateChooser1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATE
D, 15, Short.MAX_VALUE)

        .addComponent(jButton1)

        .addGap(55, 55, 55))

);
```

```
        getContentPane().add(jPanel2, new
org.netbeans.lib.awtextra.AbsoluteConstraints(20, 390, 370, 340));

        jLabel9.setIcon(new
javax.swing.ImageIcon("C:\\Users\\User\\OneDrive\\Desktop\\TRAIN.jpg"))
; // NOI18N

        getContentPane().add(jLabel9, new
org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));

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

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

    reservation2 r = null;
    try {
        r = new reservation2();
    } catch (SQLException ex) {
        Logger.getLogger(reservation1.class.getName()).log(Level.SEVERE, null,
ex);
    }

    reservation2.from.setText(this.fromm.getSelectedItem().toString());
}
```

```
reservation2.to.setText(this.too.getSelectedItem().toString());  
r.setVisible(true);  
}  
  
private void frommActionPerformed(java.awt.event.ActionEvent evt) {  
  
}  
  
private void tooActionPerformed(java.awt.event.ActionEvent evt) {  
  
}  
  
public static void main(String args[]) {  
  
    java.awt.EventQueue.invokeLater(() -> {  
        try {  
            new reservation1().setVisible(true);  
        } catch (SQLException ex) {  
            Logger.getLogger(reservation1.class.getName()).log(Level.SEVERE, null, ex);  
        }  
    });  
}
```

```
private javax.swing.JComboBox fromm;  
private javax.swing.JButton jButton1;  
private javax.swing.JButton jButton2;  
private com.toedter.calendar.JDateChooser jDateChooser1;  
private javax.swing.JFrame jTextField1;  
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.JLabel jLabel9;  
private javax.swing.JPanel jPanel2;  
private javax.swing.JScrollPane jScrollPane1;  
private javax.swing.JScrollPane jScrollPane2;  
private javax.swing.JTable jTable1;  
private javax.swing.JTable jTable2;  
private javax.swing.JComboBox too;  
  
}
```

- **RESERVATION 2:**

```
package railway;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.ResultSetMetaData;
import java.sql.SQLException;
import java.util.Vector;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.table.DefaultTableModel;

public final class reservation2 extends javax.swing.JFrame {

    public reservation2() throws SQLException {
        initComponents();
        Connect();
        train_table();

    }

    Connection con;
    PreparedStatement pst;
    ResultSet rs;

    public void Connect()
    {
        try {
            Class.forName("com.mysql.jdbc.Driver");
            con =
DriverManager.getConnection("jdbc:mysql://localhost/railway","root","");
        };
    }
}
```

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

```
public void train_table() throws SQLException  
{  
  
try{  
    String s1=from.getText();  
    String s2=to.getText();  
    pst= con.prepareStatement("select  
no,name,starts,reaches,distance,time,price,tickets from reservation");  
    rs = pst.executeQuery();  
    ResultSetMetaData Rsm = rs.getMetaData();  
    int c;  
    c = Rsm.getColumnCount();  
    DefaultTableModel df =  
(DefaultTableModel)jTable3.getModel();  
    df.setRowCount(0);  
  
    while(rs.next())  
    {  
        Vector v2 = new Vector();  
  
        for(int i=0;i<=c;i++)  
        {  
            v2.add(rs.getString("no"));  
        }  
        df.addRow(v2);  
    }  
}  
}
```

```
        v2.add(rs.getString("name"));
        v2.add(rs.getString("starts"));
        v2.add(rs.getString("reaches"));
        v2.add(rs.getString("distance"));
        v2.add(rs.getString("time"));
        v2.add(rs.getString("price"));
        v2.add(rs.getString("tickets"));

    }
    df.addRow(v2);

}

} catch(SQLException ex) {

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

}
```

```
private void initComponents() {

    jLabel3 = new javax.swing.JLabel();
    jLabel1 = new javax.swing.JLabel();
    jPanel2 = new javax.swing.JPanel();
    jPanel3 = new javax.swing.JPanel();
    jScrollPane3 = new javax.swing.JScrollPane();
    jTable3 = new javax.swing.JTable();
    jLabel2 = new javax.swing.JLabel();
    jLabel11 = new javax.swing.JLabel();
    from = new javax.swing.JTextField();
    jLabel12 = new javax.swing.JLabel();
    to = new javax.swing.JTextField();
    jPanel11 = new javax.swing.JPanel();
```

```
jLabel4 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
jLabel6 = new javax.swing.JLabel();
t1 = new javax.swing.JTextField();
jTextField2 = new javax.swing.JTextField();
jLabel7 = new javax.swing.JLabel();
jTextField3 = new javax.swing.JTextField();
jLabel8 = new javax.swing.JLabel();
jTextField4 = new javax.swing.JTextField();
jDateChooser1 = new com.toedter.calendar.JDateChooser();
jLabel9 = new javax.swing.JLabel();
jButton1 = new javax.swing.JButton();
jLabel10 = new javax.swing.JLabel();

jLabel3.setIcon(new
javax.swing.ImageIcon("C:\\\\Users\\\\User\\\\OneDrive\\\\Desktop\\\\TRAIN.jp
g"));
jLabel3.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.R
AISED));

jLabel1.setIcon(new
javax.swing.ImageIcon("C:\\\\Users\\\\User\\\\OneDrive\\\\Desktop\\\\TRAIN.jp
g")); // NOI18N

javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment
.LEADING)
.addGap(0, 100, Short.MAX_VALUE)
);
jPanel2Layout.setVerticalGroup(
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment
.LEADING)
```

```
.addGap(0, 100, Short.MAX_VALUE)
);

getContentPane().setLayout(new
org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel3.setBackground(new java.awt.Color(255, 255, 255));
jPanel3.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.R
AISED));

jTable3.setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 204)));
jTable3.setModel(new javax.swing.table.DefaultTableModel(
new Object [][] {
{null, null, null, null, null, null, null}
},
{
new String [] {
"NO", " NAME", "STARTS", "REACHES", "DISTANCE",
"TIME", "PRICE", " TICKETS"
}
));
jTable3.addMouseListener(new java.awt.event.MouseAdapter() {
public void mouseClicked(java.awt.event.MouseEvent evt) {
jTable3MouseClicked(evt);
}
});
jScrollPane3.setViewportView(jTable3);

jLabel2.setBackground(new java.awt.Color(0, 0, 153));
jLabel2.setFont(new java.awt.Font("Bauhaus 93", 0, 36)); //
NOI18N
jLabel2.setForeground(new java.awt.Color(0, 0, 153));
jLabel2.setText("AVAILABLE TRAINS");

jLabel11.setText("FROM :");
```

```
jLabel12.setText("TO :");

javax.swing.GroupLayout jPanel3Layout = new
javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment
.LEADING)
.addGroup(jPanel3Layout.createSequentialGroup()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
.addGroup(jPanel3Layout.createSequentialGroup()
.addContainerGap()
.addComponent(jScrollPane3,
javax.swing.GroupLayout.PREFERRED_SIZE, 580,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addGroup(jPanel3Layout.createSequentialGroup()
.addGap(23, 23, 23)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
.addGroup(jPanel3Layout.createSequentialGroup()
.addComponent(jLabel11)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addComponent(from,
javax.swing.GroupLayout.PREFERRED_SIZE, 138,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(112, 112, 112)
.addComponent(jLabel12)
.addGap(18, 18, 18)
.addComponent(to,
javax.swing.GroupLayout.PREFERRED_SIZE, 134,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponent(jLabel2))))
```

```
        .addContainerGap(22, Short.MAX_VALUE))
    );
    jPanel3Layout.setVerticalGroup(
        jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment
            .LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
                Short.MAX_VALUE)
            .addComponent(jLabel2)
            .addGap(29, 29, 29)

        .addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment
            .BASELINE)
            .addComponent(jLabel11)
            .addComponent(from,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel12)
            .addComponent(to,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(23, 23, 23)
            .addComponent(jScrollPane3,
                javax.swing.GroupLayout.PREFERRED_SIZE, 119,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap())
    );
}

getContentPane().add(jPanel3, new
org.netbeans.lib.awtextra.AbsoluteConstraints(10, 31, 620, -1));

jPanel1.setBackground(new java.awt.Color(255, 255, 255));
```

```
jPanel1.setBorder(new  
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.R  
AISED));  
  
jLabel4.setFont(new java.awt.Font("Bauhaus 93", 0, 36));  
jLabel4.setForeground(new java.awt.Color(0, 0, 153));  
jLabel4.setText("BOOK YOUR TRAIN");  
  
jLabel5.setText("TRAIN NO");  
  
jLabel6.setText("PASSENGER NAME");  
  
jTextField2.addActionListener(new java.awt.event.ActionListener()  
{  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jTextField2ActionPerformed(evt);  
    }  
});  
  
jLabel7.setText("AGE");  
  
jLabel8.setText("DATE OF TRAVEL");  
  
jLabel9.setText("MOBILE");  
  
jButton1.setBackground(new java.awt.Color(0, 0, 153));  
jButton1.setForeground(new java.awt.Color(255, 255, 255));  
jButton1.setText("BOOK");  
jButton1.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton1ActionPerformed(evt);  
    }  
});  
  
javax.swing.GroupLayout jPanel1Layout = new  
javax.swing.GroupLayout(jPanel1);  
jPanel1.setLayout(jPanel1Layout);  
jPanel1Layout.setHorizontalGroup(  
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(jPanel1Layout.createSequentialGroup()  
            .addGap(100, 100, 100)  
            .addComponent(jLabel4)  
            .addGap(100, 100, 100)  
            .addComponent(jLabel5)  
            .addGap(100, 100, 100)  
            .addComponent(jLabel6)  
            .addGap(100, 100, 100)  
            .addComponent(jLabel7)  
            .addGap(100, 100, 100)  
            .addComponent(jLabel8)  
            .addGap(100, 100, 100)  
            .addComponent(jLabel9)  
            .addGap(100, 100, 100)  
            .addComponent(jButton1)  
            .addGap(100, 100, 100)  
        )  
    ).addContainerGap()  
);  
jPanel1Layout.setVerticalGroup(  
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addGroup(jPanel1Layout.createSequentialGroup()  
            .addGap(100, 100, 100)  
            .addComponent(jLabel4)  
            .addGap(100, 100, 100)  
            .addComponent(jLabel5)  
            .addGap(100, 100, 100)  
            .addComponent(jLabel6)  
            .addGap(100, 100, 100)  
            .addComponent(jLabel7)  
            .addGap(100, 100, 100)  
            .addComponent(jLabel8)  
            .addGap(100, 100, 100)  
            .addComponent(jLabel9)  
            .addGap(100, 100, 100)  
            .addComponent(jButton1)  
            .addGap(100, 100, 100)  
        )  
    ).addContainerGap()  
);
```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment
.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(27, 27, 27)

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING, false)
    .addComponent(jLabel4)
    .addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
    .addComponent(jLabel6)
    .addComponent(jLabel7)
    .addComponent(jLabel8)
    .addComponent(jLabel9))
    .addGap(36, 36, 36)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addComponent(jDateChooser1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0, 0, Short.MAX_VALUE))

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.TRAILING)
    .addComponent(jTextField2,
javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
```

```
        .addComponent(jTextField3,
javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jTextField4,
javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(0, 0, Short.MAX_VALUE))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
        .addComponent(jButton1)
        .addComponent(t1,
javax.swing.GroupLayout.PREFERRED_SIZE, 140,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(17, 17, 17)))))

.addComponent(jLabel5)
.addContainerGap(38, Short.MAX_VALUE))
);

jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addGroup(jPanel1Layout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jLabel4)
        .addGap(33, 33, 33)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel5)
        .addComponent(t1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(22, 22, 22)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
        .addComponent(jLabel6)
        .addComponent(jTextField2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel7)
        .addComponent(jTextField3,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
        .addComponent(jLabel8)
        .addComponent(jDateChooser1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(31, 31, 31)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel9)
        .addComponent(jTextField4,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)
        .addComponent(jButton1)
        .addContainerGap(52, Short.MAX_VALUE))
);
```

```
        getContentPane().add(jPanel1, new
org.netbeans.lib.awtextra.AbsoluteConstraints(40, 360, 370, 400));

        jLabel10.setIcon(new
javax.swing.ImageIcon("C:\\\\Users\\\\User\\\\OneDrive\\\\Desktop\\\\TRAIN.jp
g"));
        getContentPane().add(jLabel10, new
org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));

        pack();
        setLocationRelativeTo(null);
    }

    private void jTable3MouseClicked(java.awt.event.MouseEvent evt) {

    }

    private void jTextField2ActionPerformed(java.awt.event.ActionEvent evt) {

    }

    Connection con1;
    PreparedStatement insert;
    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

        try{

            String no=t1.getText();
            try {
                Class.forName("com.mysql.jdbc.Driver");
            } catch (ClassNotFoundException ex) {

Logger.getLogger(reservation2.class.getName()).log(Level.SEVERE,
null, ex);
            }
            try {


```

```
con1=DriverManager.getConnection("jdbc:mysql://localhost/railway","root","");
} catch (SQLException ex) {

Logger.getLogger(reservation2.class.getName()).log(Level.SEVERE,
null, ex);
}

insert= con1.prepareStatement("update reservation set tickets =
(tickets-1) where no=?");
insert.setString(1,no);
insert.executeUpdate();

} catch (SQLException ex) {

Logger.getLogger(reservation2.class.getName()).log(Level.SEVERE,
null, ex);
}
```

```
payment p = new payment();

p.setVisible(true);

}

public static void main(String args[]) {
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(reservation2.class.getName()).log(jav
a.util.logging.Level.SEVERE, null, ex);
} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(reservation2.class.getName()).log(jav
a.util.logging.Level.SEVERE, null, ex);
} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(reservation2.class.getName()).log(jav
a.util.logging.Level.SEVERE, null, ex);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(reservation2.class.getName()).log(jav
a.util.logging.Level.SEVERE, null, ex);
}

java.awt.EventQueue.invokeLater(() -> {

});
```

```
public static javax.swing.JTextField from;
private javax.swing.JButton jButton1;
private com.toedter.calendar.JDateChooser jDateChooser1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
```

```
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JScrollPane jScrollPane3;
private javax.swing.JTable jTable3;
private javax.swing.JTextField jTextField2;
private javax.swing.JTextField jTextField3;
private javax.swing.JTextField jTextField4;
private javax.swing.JTextField t1;
public static javax.swing.JTextField to;
```

```
private ResultSet find(String text) {
    throw new UnsupportedOperationException("Not supported yet.");
}
}
```

- **PAYMENT:**

```
package railway;

import javax.swing.JOptionPane;

public class payment extends javax.swing.JFrame {

    public payment() {
        initComponents();
    }

    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();
        jPanel3 = new javax.swing.JPanel();
        jLabel1 = new javax.swing.JLabel();
        jPanel2 = new javax.swing.JPanel();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        t1 = new javax.swing.JTextField();
        jLabel5 = new javax.swing.JLabel();
        t2 = new javax.swing.JTextField();
        jLabel6 = new javax.swing.JLabel();
        t3 = new javax.swing.JTextField();
        jButton1 = new javax.swing.JButton();
        jLabel4 = new javax.swing.JLabel();

        jPanel1.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

        jPanel3.setBackground(new java.awt.Color(255, 255, 255));
        jPanel3.setBorder(new javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED));

```

```
jLabel1.setFont(new java.awt.Font("Bauhaus 93", 0, 36)); //  
NOI18N  
jLabel1.setForeground(new java.awt.Color(0, 0, 153));  
jLabel1.setText("PAYMENTS");  
  
jPanel2.setBorder(new  
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.R  
AISED));  
  
jLabel2.setFont(new java.awt.Font("Calibri Light", 1, 18)); //  
NOI18N  
jLabel2.setText("ENTER CARD DETAILS");  
  
jLabel3.setText("CARD NUMBER : ");  
  
jLabel5.setText("EXPIRES : ");  
  
jLabel6.setText("ENTER CVV : ");  
  
javax.swing.GroupLayout jPanel2Layout = new  
javax.swing.GroupLayout(jPanel2);  
jPanel2.setLayout(jPanel2Layout);  
jPanel2Layout.setHorizontalGroup(  
  
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment  
.LEADING)  
.addGroup(jPanel2Layout.createSequentialGroup()  
  
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment  
.LEADING)  
.addGroup(jPanel2Layout.createSequentialGroup()  
.addGap(31, 31, 31)  
  
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment  
.LEADING)  
.addComponent(jLabel3)  
.addComponent(jLabel5)  
.addComponent(jLabel6))
```



```
        .addComponent(jLabel5)
        .addComponent(t2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

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

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel6)
        .addComponent(t3,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(47, 47, 47))
);

jButton1.setBackground(new java.awt.Color(0, 0, 204));
jButton1.setForeground(new java.awt.Color(255, 255, 255));
jButton1.setText("CONTINUE");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

javax.swing.GroupLayout jPanel3Layout = new
javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addGap(42, 42, 42)
```

```
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jLabel1,
javax.swing.GroupLayout.PREFERRED_SIZE, 231,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
        .addComponent(jButton1)
        .addComponent(jPanel2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap(50, Short.MAX_VALUE))
);

jPanel3Layout.setVerticalGroup(
jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addGap(24, 24, 24)
            .addComponent(jLabel1,
javax.swing.GroupLayout.PREFERRED_SIZE, 65,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jPanel2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(26, 26, 26)
        .addComponent(jButton1)
        .addContainerGap(32, Short.MAX_VALUE))
);

});
```

```
jPanel1.add(jPanel3, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(10, 300, -1, 400));  
  
jLabel4.setIcon(new  
javax.swing.ImageIcon("C:\\\\Users\\\\User\\\\OneDrive\\\\Desktop\\\\TRAIN.jp  
g")); // NOI18N  
jPanel1.add(jLabel4, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));  
  
javax.swing.GroupLayout layout = new  
javax.swing.GroupLayout(getContentPane());  
getContentPane().setLayout(layout);  
layout.setHorizontalGroup(  
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addComponent(jPanel1,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
    );  
    layout.setVerticalGroup(  
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
        .addComponent(jPanel1,  
        javax.swing.GroupLayout.DEFAULT_SIZE,  
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)  
    );  
  
pack();  
setLocationRelativeTo(null);  
}  
  
private void jButton1ActionPerformed(java.awt.event.ActionEvent  
evt) {
```

```

        if(t1.getText().equals("") && t2.getText().equals("") &&
t3.getText().equals(""))
    {
        JOptionPane.showMessageDialog(this, "ENTER ALL
DETAILS");
    }

else
{
    JOptionPane.showMessageDialog(this, "Confirmation message and
Seat number will be sent to mobile number");
}

main m = new main();
m.setVisible(true);
}

public static void main(String args[]) {
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(payment.class.getName()).log(java.ut
il.logging.Level.SEVERE, null, ex);
} catch (InstantiationException ex) {

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

```

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

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

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

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.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JTextField t1;
private javax.swing.JTextField t2;
private javax.swing.JTextField t3;
}
```

**CANCEL TICKET:**

- **CANCEL PAGE:**

```
package railway;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;

public class cancel extends javax.swing.JFrame {

    public cancel() {
        initComponents();
    }

    private void initComponents() {

        jLabel6 = new javax.swing.JLabel();
        jPanel2 = new javax.swing.JPanel();
        jLabel1 = new javax.swing.JLabel();
        jPanel1 = new javax.swing.JPanel();
        jLabel3 = new javax.swing.JLabel();
        t1 = new javax.swing.JTextField();
        jLabel4 = new javax.swing.JLabel();
        jLabel5 = new javax.swing.JLabel();
        t2 = new javax.swing.JTextField();
        jLabel7 = new javax.swing.JLabel();
        jComboBox1 = new javax.swing.JComboBox();
        jDateChooser1 = new com.toedter.calendar.JDateChooser();
        jLabel8 = new javax.swing.JLabel();
        jLabel9 = new javax.swing.JLabel();
    }
}
```

```
jTextField1 = new javax.swing.JTextField();
jLabel10 = new javax.swing.JLabel();
jTextField2 = new javax.swing.JTextField();
jButton1 = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();
jLabel2 = new javax.swing.JLabel();

jLabel6.setText("REASON");

getContentPane().setLayout(new
org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel2.setBackground(new java.awt.Color(255, 255, 255));
jPanel2.setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 153)));

jLabel1.setFont(new java.awt.Font("Bauhaus 93", 0, 36)); //
NOI18N
jLabel1.setForeground(new java.awt.Color(0, 0, 153));
jLabel1.setText("CANCELLATION");

jPanel1.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.R
AISED));

jLabel3.setText("TRAIN NUMBER");

jLabel4.setText("TRAIN NAME");

jLabel5.setText("DATE OF TRAVEL");

jLabel7.setText("REASON ");

jComboBox1.setModel(new
javax.swing.DefaultComboBoxModel(new String[] { "BOOKED BY
MISTAKE", "ENTERED INCORRECT DETAILS", "UNFORTUNATE
CANCELLATION OF PLAN", "Others.....", " " }));
```

```
jLabel8.setText("PASSENGERS NAME");

jLabel9.setText("SEAT NO");

javax.swing.GroupLayout jPanel1Layout = new
javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment
.LEADING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addGap(42, 42, 42)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addComponent(jLabel7,
javax.swing.GroupLayout.PREFERRED_SIZE, 91,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
.addGroup(jPanel1Layout.createSequentialGroup()

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
.addComponent(jLabel8)
.addComponent(jLabel9))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING, false)
.addGroup(jPanel1Layout.createSequentialGroup()
.addGap(19, 19, 19)
```

```
        .addComponent(jTextField2))
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(18, 18, 18)
        .addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE, 277,
javax.swing.GroupLayout.PREFERRED_SIZE))

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

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED)
        .addComponent(jComboBox1,
javax.swing.GroupLayout.PREFERRED_SIZE, 281,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA
TED, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
        .addComponent(jLabel10,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel5,
javax.swing.GroupLayout.PREFERRED_SIZE, 115,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
            .addComponent(jDateChooser1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.LEADING)
        .addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE, 115,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
        .addComponent(jLabel4,
javax.swing.GroupLayout.PREFERRED_SIZE, 107,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponent(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
.addComponent(t1,
javax.swing.GroupLayout.DEFAULT_SIZE, 281, Short.MAX_VALUE)
.addComponent(t2)))
.addContainerGap(29, Short.MAX_VALUE)))
);

jPanel1Layout.setVerticalGroup(
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel1Layout.createSequentialGroup()
.addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(t1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel4,
javax.swing.GroupLayout.PREFERRED_SIZE, 21,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
        .addComponent(t2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponentGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jLabel5,
javax.swing.GroupLayout.PREFERRED_SIZE, 28,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addComponent(jDateChooser1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addComponentGap(18, 18, 18)

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel8)
.addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addComponentGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
.addComponent(jLabel9)
.addComponent(jLabel10)
.addComponent(jTextField2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
```

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel7,
javax.swing.GroupLayout.PREFERRED_SIZE, 27,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jComboBox1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

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

jButton1.setBackground(new java.awt.Color(0, 0, 153));
jButton1.setForeground(new java.awt.Color(255, 255, 255));
jButton1.setText("ENTER REFUND DETAILS");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jButton3.setBackground(new java.awt.Color(0, 0, 153));
jButton3.setForeground(new java.awt.Color(255, 255, 255));
jButton3.setText("BACK");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});

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

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

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

    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
        .addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(98, 98, 98))
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addGap(63, 63, 63)
        .addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 184,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(113, 113, 113)
        .addComponent(jButton3,
javax.swing.GroupLayout.PREFERRED_SIZE, 106,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0, 0, Short.MAX_VALUE))
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addGap(22, 22, 22)
        .addComponent(jLabel1)

    .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
);
jPanel2Layout.setVerticalGroup()

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment
.LEADING)
    .addGroup(jPanel2Layout.createSequentialGroup()
        .addGap(24, 24, 24)
        .addComponent(jLabel1)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELA  
TED)  
        .addComponent(jPanel1,  
javax.swing.GroupLayout.PREFERRED_SIZE,  
javax.swing.GroupLayout.DEFAULT_SIZE,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addGap(18, 18, 18)  
  
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout  
.Alignment.BASELINE)  
        .addComponent(jButton1,  
javax.swing.GroupLayout.PREFERRED_SIZE, 38,  
javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addComponent(jButton3,  
javax.swing.GroupLayout.PREFERRED_SIZE, 38,  
javax.swing.GroupLayout.PREFERRED_SIZE))  
        .addContainerGap(15, Short.MAX_VALUE))  
);  
  
getContentPane().add(jPanel2, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(10, 310, 540, 420));  
  
jLabel2.setIcon(new  
javax.swing.ImageIcon("C:\\\\Users\\\\User\\\\OneDrive\\\\Desktop\\\\TRAIN.jp  
g"));  
getContentPane().add(jLabel2, new  
org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));  
  
pack();  
setLocationRelativeTo(null);  
}  
Connection con1;  
PreparedStatement insert;  
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt)  
{  
  
try{
```

```
String no=t1.getText();
try {
    Class.forName("com.mysql.jdbc.Driver");
} catch (ClassNotFoundException ex) {

Logger.getLogger(reservation2.class.getName()).log(Level.SEVERE,
null, ex);
}

try {

con1=DriverManager.getConnection("jdbc:mysql://localhost/railway","ro
ot","");
} catch (SQLException ex) {

Logger.getLogger(reservation2.class.getName()).log(Level.SEVERE,
null, ex);
}

insert= con1.prepareStatement("update reservation set tickets =
(tickets+1) where no=?");
insert.setString(1,no);
insert.executeUpdate();

}      catch (SQLException ex) {

Logger.getLogger(reservation2.class.getName()).log(Level.SEVERE,
null, ex);
}

if(!t1.getText().equals("") && !t2.getText().equals("") )
{
    refund r1 = new refund();
    r1.setVisible(true);
}

else
```

```
{  
    JOptionPane.showMessageDialog(this, "ENTER ALL THE  
DETAILS");  
}  
}  
  
private void jButton3ActionPerformed(java.awt.event.ActionEvent  
evt) {  
    main m = new main();  
    m.setVisible(true);  
}  
public static void main(String args[]) {  
    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(cancel.class.getName()).log(java.util.l  
ogging.Level.SEVERE, null, ex);  
} catch (InstantiationException ex) {  
  
java.util.logging.Logger.getLogger(cancel.class.getName()).log(java.util.l  
ogging.Level.SEVERE, null, ex);  
} catch (IllegalAccessException ex) {  
  
java.util.logging.Logger.getLogger(cancel.class.getName()).log(java.util.l  
ogging.Level.SEVERE, null, ex);  
} catch (javax.swing.UnsupportedLookAndFeelException ex) {  
  
java.util.logging.Logger.getLogger(cancel.class.getName()).log(java.util.l  
ogging.Level.SEVERE, null, ex);  
}  
}
```

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

private javax.swing.JButton jButton1;
private javax.swing.JButton jButton3;
private javax.swing.JComboBox jComboBox1;
private com.toedter.calendar.JDateChooser jDateChooser1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JTextField jTextField1;
private javax.swing.JTextField jTextField2;
private javax.swing.JTextField t1;
private javax.swing.JTextField t2;
})
```

- **REFUND PAGE:**

```
package railway;

import javax.swing.JOptionPane;

public class refund extends javax.swing.JFrame {

    public refund() {
        initComponents();
    }

    private void initComponents() {

        jPanel2 = new javax.swing.JPanel();
        jLabel1 = new javax.swing.JLabel();
        jPanel1 = new javax.swing.JPanel();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();
        jLabel5 = new javax.swing.JLabel();
        t1 = new javax.swing.JTextField();
        t2 = new javax.swing.JTextField();
        t3 = new javax.swing.JTextField();
        jButton1 = new javax.swing.JButton();
        jLabel6 = new javax.swing.JLabel();

        getContentPane().setLayout(new
org.netbeans.lib.awtextra.AbsoluteLayout());

        jPanel2.setBackground(new java.awt.Color(255, 255, 255));
        jPanel2.setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 153)));

```

```
jLabel1.setFont(new java.awt.Font("Bauhaus 93", 0, 36)); //  
NOI18N  
jLabel1.setForeground(new java.awt.Color(0, 0, 153));  
jLabel1.setText("REFUND ");  
  
jPanel1.setBorder(new  
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.R  
AISED));  
  
jLabel2.setFont(new java.awt.Font("Segoe UI Semilight", 1, 18)); //  
NOI18N  
jLabel2.setText("Enter Bank Details");  
  
jLabel3.setText("ACCOUNT NUMBER");  
  
jLabel4.setText("ACCOUNT HOLDER NAME");  
  
jLabel5.setText("IFSC CODE");  
  
javax.swing.GroupLayout jPanel1Layout = new  
javax.swing.GroupLayout(jPanel1);  
jPanel1.setLayout(jPanel1Layout);  
jPanel1Layout.setHorizontalGroup(  
  
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment  
.LEADING)  
.addGroup(jPanel1Layout.createSequentialGroup()  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment  
.LEADING)  
.addGroup(jPanel1Layout.createSequentialGroup()  
  
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment  
.LEADING)  
.addGroup(jPanel1Layout.createSequentialGroup()  
.addGap(20, 20, 20)
```

```
        .addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE, 135,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(20, 20, 20)
            .addComponent(jLabel4,
javax.swing.GroupLayout.PREFERRED_SIZE, 172,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(40, 40, 40)
            .addComponent(jLabel5,
javax.swing.GroupLayout.PREFERRED_SIZE, 119,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGroup(jPanel1Layout.createParallelGroup()
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addComponent(t1,
javax.swing.GroupLayout.PREFERRED_SIZE, 221,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGap(18, 18, 18)
                    .addGroup(jPanel1Layout.createParallelGroup()
                        .addGroup(jPanel1Layout.createSequentialGroup()
                            .addComponent(t2,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                            .addComponent(t3)))))))
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(143, 143, 143)
                .addComponent(jLabel2,
javax.swing.GroupLayout.PREFERRED_SIZE, 188,
javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addGap(37, Short.MAX_VALUE)))
);

jPanel1Layout.setVerticalGroup(
```

```
jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment
.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(21, 21, 21)
        .addComponent(jLabel2)
        .addGap(35, 35, 35)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
        .addComponent(t1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel3,
javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRE
LATED)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
        .addComponent(jLabel4,
javax.swing.GroupLayout.PREFERRED_SIZE, 25,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(t2,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(16, 16, 16)

    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout
.Alignment.BASELINE)
        .addComponent(t3,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
        .addComponent(jLabel5,
javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap(34, Short.MAX_VALUE))
);

jButton1.setBackground(new java.awt.Color(0, 0, 153));
jButton1.setForeground(new java.awt.Color(255, 255, 255));
jButton1.setText("PROCEED");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});
}

javax.swing.GroupLayout jPanel2Layout = new
javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment
.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
.addContainerGap(205, Short.MAX_VALUE)
.addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 143,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(170, 170, 170))
.addGroup(jPanel2Layout.createSequentialGroup()
.addGap(20, 20, 20)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment
.LEADING)
.addComponent(jLabel1,
javax.swing.GroupLayout.PREFERRED_SIZE, 328,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

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

.addComponent(jPanel2,
javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
);
jPanel2Layout.setVerticalGroup(
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment
.LEADING)
.addGroup(jPanel2Layout.createSequentialGroup()
.addContainerGap()
.addComponent(jLabel1,
javax.swing.GroupLayout.PREFERRED_SIZE, 75,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(2, 2, 2)
.addComponent(jPanel1,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(18, 18, 18)
.addComponent(jButton1,
javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addContainerGap(20, Short.MAX_VALUE)))
);

getContentPane().add(jPanel2, new
org.netbeans.lib.awtextra.AbsoluteConstraints(10, 350, 520, 410));

 jLabel6.setIcon(new
javax.swing.ImageIcon("C:\\\\Users\\\\User\\\\OneDrive\\\\Desktop\\\\TRAIN.jp
g"));
getContentPane().add(jLabel6, new
org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));
```

```

        pack();
        setLocationRelativeTo(null);
    }

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        if(t1.getText().equals("") || t2.getText().equals("") ||
t3.getText().equals(""))
        {
            JOptionPane.showMessageDialog(this, "ENTER ALL THE
DETAILS");
        }
    }

    else
    {
        JOptionPane.showMessageDialog(this, "REFUND PROCESS
INITIATED....MONEY WILL BE REFUNDED WITHIN 3 WORKING
DAYS");
    }
    main m = new main();
    m.setVisible(true);
}

public static void main(String args[]) {
    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(refund.class.getName()).log(java.util.
logging.Level.SEVERE, null, ex);

```

```
        } catch (InstantiationException ex) {

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

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

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

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

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.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JTextField t1;
private javax.swing.JTextField t2;
private javax.swing.JTextField t3;
}
```

**OUTPUT:**

Thus the mini project has been executed successfully and the outputs are verified.