Title of the Project

SLTB Bus Reservation System

A THEIS PRESENTED BY

M.A.Muhammadh Aakil Zihaf

DSE / 21 / 133

To the

Department of Computing and Information Systems

Faculty of Applied Sciences

in partial fulfilment of the requirements

for the award of the

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SRI LANKA

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DECLARATION

I do hereby declare that the work reported in this thesis was exclusively carried out by me under the supervision of (senior) Lecturer **Ms .Melani De Silva**. It describes the results of my own independent work except where due reference has been made in the text. No part of this project thesis has been submitted earlier or concurrently for the same or any other degree.

Date: 20/05/2022   ....

Signature of the candidate

Certified by:

1.   Name and signature of the Supervisor…………..……………………………….

Date: 26.11.2022

ACKNOWLEDGEMENT

In performing our project, we had to take the help and guideline of the one, who deserves our greatest gratitude. The completion of this final project gives us much pleasure. We would like to show our gratitude to Ms. Melani De Silva by University of Wayamba- Kulliyapitiya, for giving us this. The purpose of this project is to increase our knowledge, to gain a spirit and to do some practical work. And special thanks goes to Mr. T.Arudchelvem sir, Dr. T.Vidanagama sir and our all DSE Lecturers for navigation our studies.

Thanks Our Lecturers to Teaching Well & Helps to Making this Software

- ➢ Mr. T.Arudchelvam sir
- ➢ Dr. T.Vidanagama sir
- ➢ Mr. Premarathna sir
- ➢ Ms. K.Chandrabose madam
- ➢ Mr. Jeyapriyan sir
- ➢ Mr. Puvananath sir
- ➢ Ms. M.DE Silva madam – Supervisor

What are the subjects help to me for make this Software? In our studies.

- ➢ DSE 123-Fundamentals in Software Engineering
- ➢ DSE 132-Software Engineering Methodologies
- ➢ DSE 143-Principles of Data Management System
- ➢ DSE 152-Database Development Practice
- ➢ DSE 163-Computer Programming Concept
- ➢ DSE 213-Advanced Computer Programming Concept

Abstract

My Software, SLTB Bus Reservation System is bus booking system. Passengers can easy to reserving their seats. Passengers can easy to see how many seats are booking. Passengers can easy to see Bus schedule. Under 18 kids can pay half payment.

I was get more details about bus schedules and bus tickets in SLTB depot in Kalmunai on 10.01.2022. Now some price range are different, the reason is Sri Lanka economic cruise. Some software code was get in Youtube.com, W3school.com, and Some DSE notes.

I was draw flow chart in my software. I was use NetBeans, XAMPP and MySQL softwares to make interface and connect database. All data was save in registration database. I was edit SLTB image used Adobe Photoshop CS6.

This software work only PC so, I have an idea to upgrade this software to user can use mobile. (129)

Table of Contents

1. Introduction

Many people wants to go Colombo to most important works in my area. In this difficult situation many passengers difficult to go to bus stand and pick tickets. So, I have an idea to make a software SLTB Bus seat reservation system. This software helps to passengers without going to bus stand and easy reserving seats and their can cancel the reserving seats. If the passenger reserving the seat, his details save the SLTB bus reservation system database (Registration database). I have some problem in my check page in my software the reason is 1st row was not add in the table. I watched all videos to solve the problems but I can't solve it. So, I tried my best in my software.

In my Software,

User first open my software first open Login page if the user have an username or password user enter the username and password and click login button, but user haven't username and password user click signup button and user can enter their details in signup page and come back to login page.

Next user enter the username and password and click login button. If the username and password correct main page will open but its wrong main page will not open.

Next the user can enter arrive and destination places and click calculate button user can reserving their seats. User can easy to see how many seats are booking in the particular date.

Users' data are saved in registration database.

2. Review of the literature and the research model

Data analysis terms and coding, organizing, filtering, relating and related abstract concepts. The software allows making comparisons among different concept simultaneously, which simplifies qualitative data analysis and improves the accuracy of research findings.

I was read Advanced Java 2: how to Program (4th edition) - P. J. Deitel and Sommerville, Software Engineering (10th edition) - Addison-Wesley books and get knowledge to how to make design in java GUI and how to connect database in my software.

And I read DSE 152 Melani miss's notes and get knowledge to how to install xampp server and connect mysql and how to connect my software in database. And I studied how to install mysql and mysql connectors in java.

I was go to Kalmunai SLTB depot and get some notes in price list, SLTB bus total seats and bus seat design.

3. Scope and Objective of the project

I.   Scope of the Project

I like to introduce to people can book all over cities in Sri Lanka.Many buses go to different places at different times. So, I will add time in my software. Next I will add payment method (cash, visa or credit card).This software only support in pc so, I have an idea for doing this work in android studio. If I make this software in android studio, it will be work in mobile phones.

If will I fully complete my software I will introduce in play store to Sri Lankan people easy to download and reserving seats.

II.   Objective of the project

- ➢ Passengers easy to reserving their seats.
- ➢ Passengers easy to see how many seats are booking.
- ➢ Passengers easy to see Bus seats.
- ➢ Under 18 kids can pay half payment.
- ➢ Passengers easy to see their ticket bills.
- ➢ Passengers easy see how many seats have in the particular date.

4. Methodologist of my software

I.   Flow chart of the Project

S L T B RESERVER

```
            ┌─────────┐
            │  Start  │
            └────┬────┘
                 │
         ┌───────▼────────┐
         │ Input Username,│
         │   Password     │
         └───────┬────────┘
                 │
              ╱──▼──╲
             ╱ If user╲      No    ┌──────────────┐   ┌──────────────────┐   ┌────────────────┐
            ╱  have    ╲─────────▶ │Go to Signup  │──▶│Enter user details│──▶│Go to Login page│
            ╲ username, ╱          │    page      │   └──────────────────┘   └────────────────┘
             ╲password ╱
              ╲──┬──╱
              Yes│
         ┌───────▼────────┐
         │Enter username, │◀──────────────────────────────────┐
         │   password     │                                   │
         └───────┬────────┘                                   │
                 │                                             │
              ╱──▼──╲                                          │
             ╱  If   ╲      No   ┌──────────────────┐   ┌──────────────┐
            ╱username= ╲─────────▶│Display "Login    │──▶│Check your    │
            ╲  ?,      ╱          │    failed"       │   │username or   │
             ╲password=╱          └──────────────────┘   │password      │
              ╲  ?  ╱                                     └──────────────┘
              ╲──┬──╱
              Yes│
         ┌───────▼────────┐   ┌──────────────┐   ┌─────────┐
         │ Open Main page │──▶│User can      │──▶│  Stop   │
         └────────────────┘   │reserving bus │   └─────────┘
                              │   seats      │
                              └──────────────┘
```
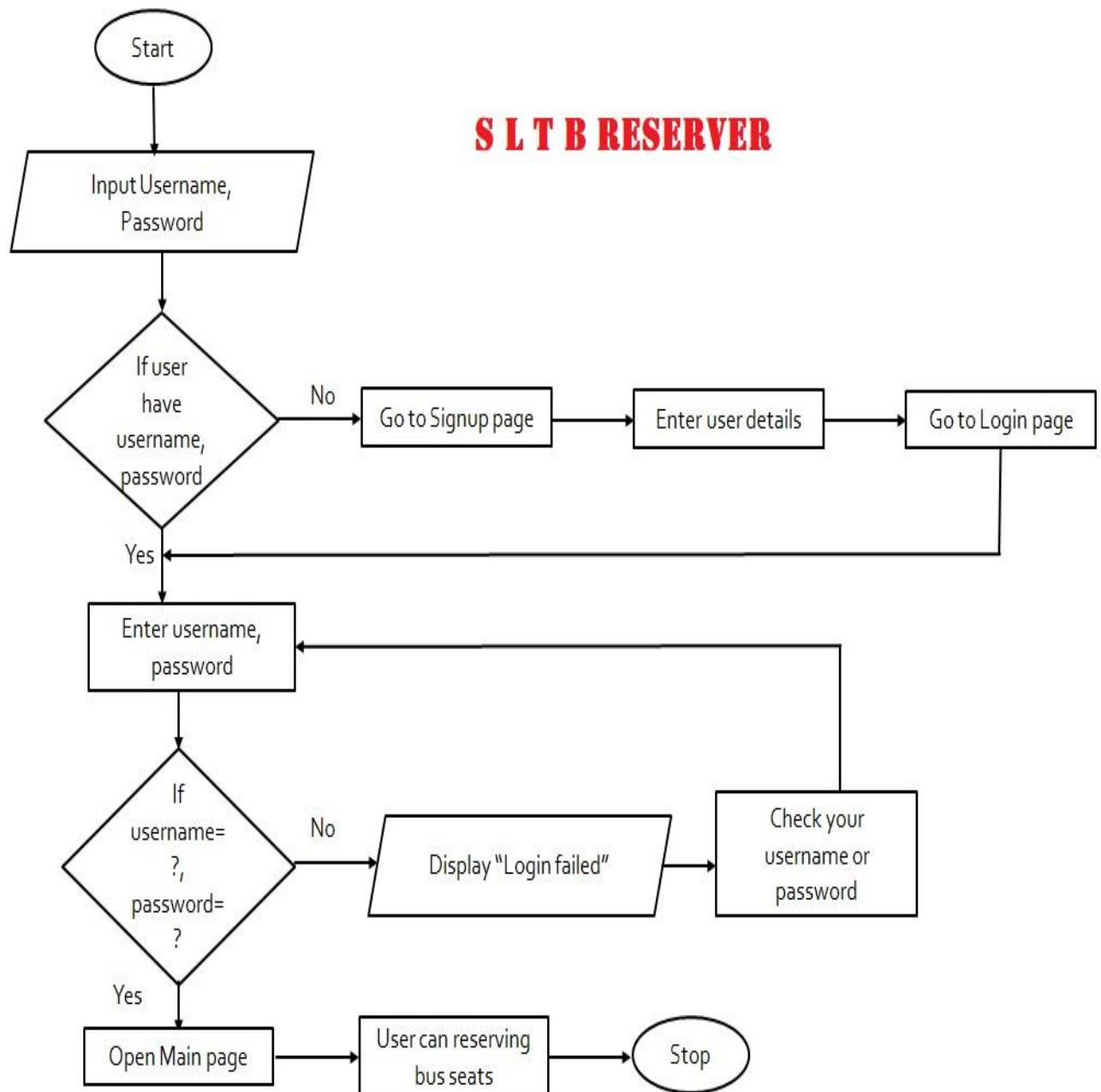
II.   ER Diagram of my Software
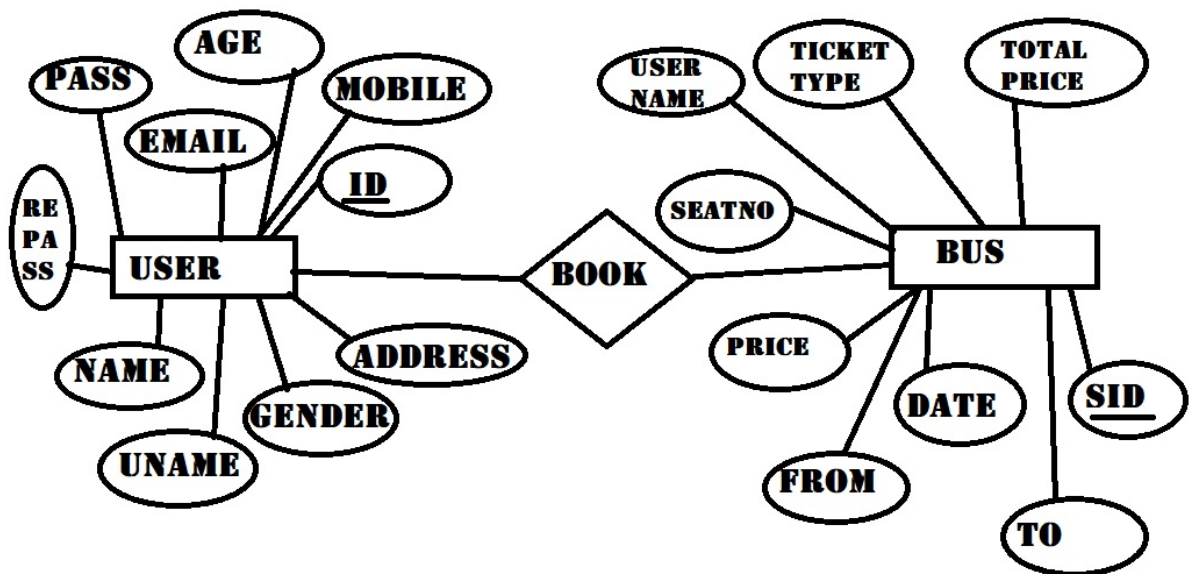
III. My Project Bus Route

Kalmunai→Batticaloa→Polanaruwa→Dambulla→Kurnagala→ Colombo

&

Colombo→ Kurnagala→Dambulla→Polanaruwa→ Batticaloa→ Kalmunai

Route No: 48

IV. Ticket price list in my project

➢ Full Ticket

Cities	KAL	BAT	POL	DAM	KUR	COL
KAL		100	250	350	450	700
BAT			200	300	350	600
POL				150	250	450
DAM					100	350
KUR						250
COL						

➢ Half Ticket

Cities	KAL	BAT	POL	DAM	KUR	COL
KAL		50	125	175	225	350
BAT			100	150	175	300
POL				75	125	225
DAM					50	175
KUR						125
COL						

V.   How to collect data

I went to SLTB bus depot in kalmunai and met bus conductor and get price range details. I went to the bus and calculate the total bus seats and number of the every particular seat. I watched many videos in YouTube to make this software. I studied some codes in tutorialpoint.com, W3school.com, W3source.com and guru.lk. And I watched many videos in YouTube about java GUI design and codes.

I had some trouble in mysql connectors so, I asked my supervisor to some question about connectors and I watched Sunitha rai's CScorner youtube channel.

I had many doubts in my code so, I asked some doubts my supervisor. I have only one problem in this coding that is my checking page in my software the reason is 1st row not add in the checking page table.

5. Software Interfaces and its Screenshots

I. **Login Interface**

II. Signup Interface

Signup Form

Signup Page

Name	
Address	
Gender	● Male ● Female
Age	
Mobile No	
Email	**Submit**
User Name	**Clear**
Password	**Close**
Re-Password	

Have an Account? Login here

III. Main Page interface

IV.   Checking Seats interface

6. Summary of my Software

➢ First open XAMPP server
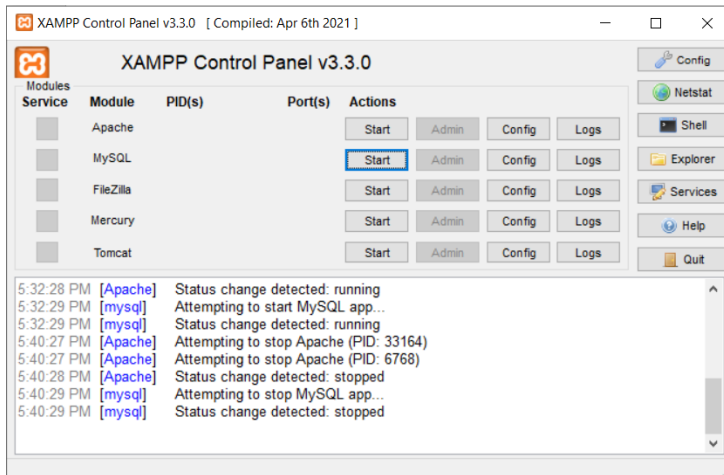
➢ After start MySQL and Apache in the xampp server
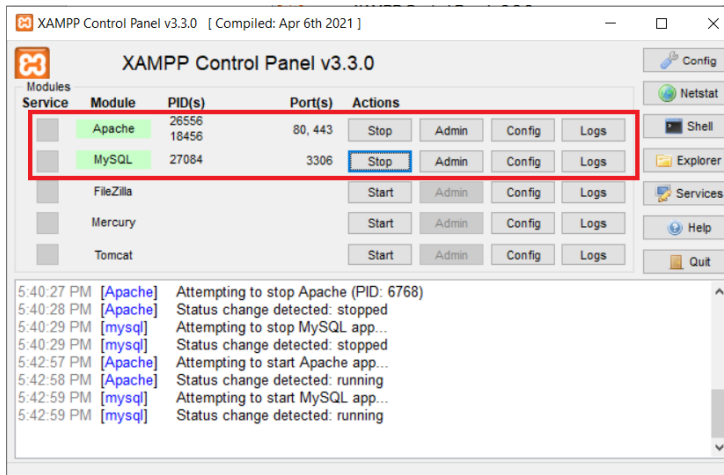
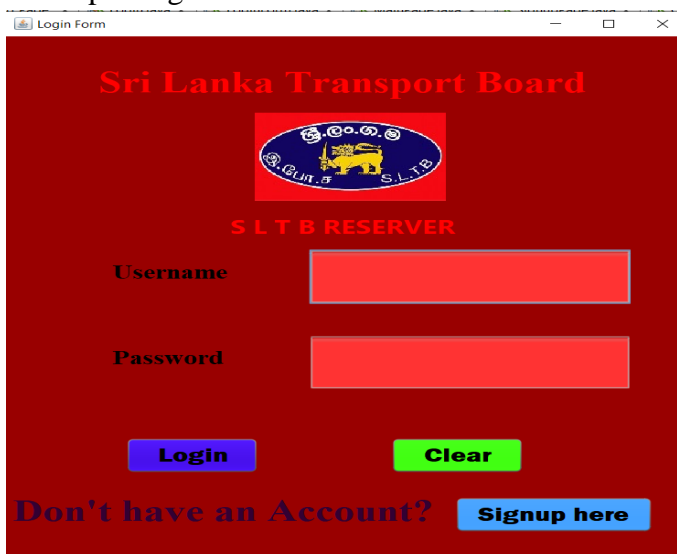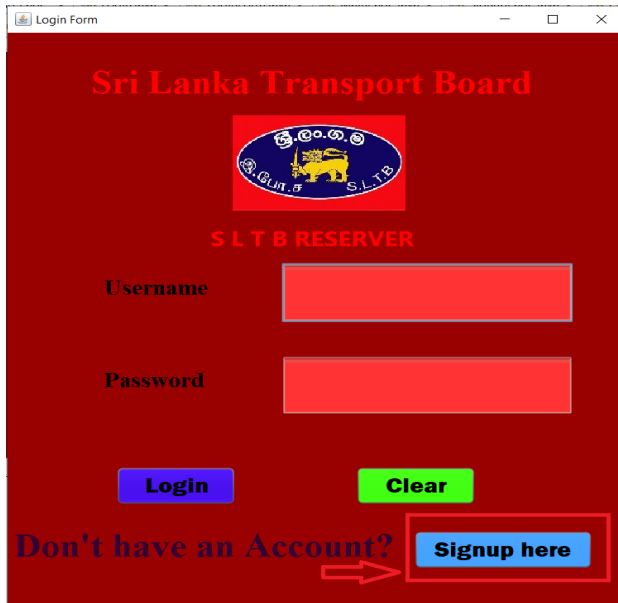➢ Next open my software in netbeans.
➢ After start my project.
➢ First open login interface.

➢ If you have username and password please enter your username and password but you haven't username and password click signup here button.

➢ If you click signup here button, you can get signup interface and you can create an account. Like this,

➢ If you complete the creating account you can click submit button.
➢ If your password and re-password are same you can get "password is correct" message but your passwords are different you can get "password is not match" message.
➢ All are complete you can get "sanga is successfully registered" message.

➢ Your all data are saved in MySQL database "localhost/phpmyadmin"
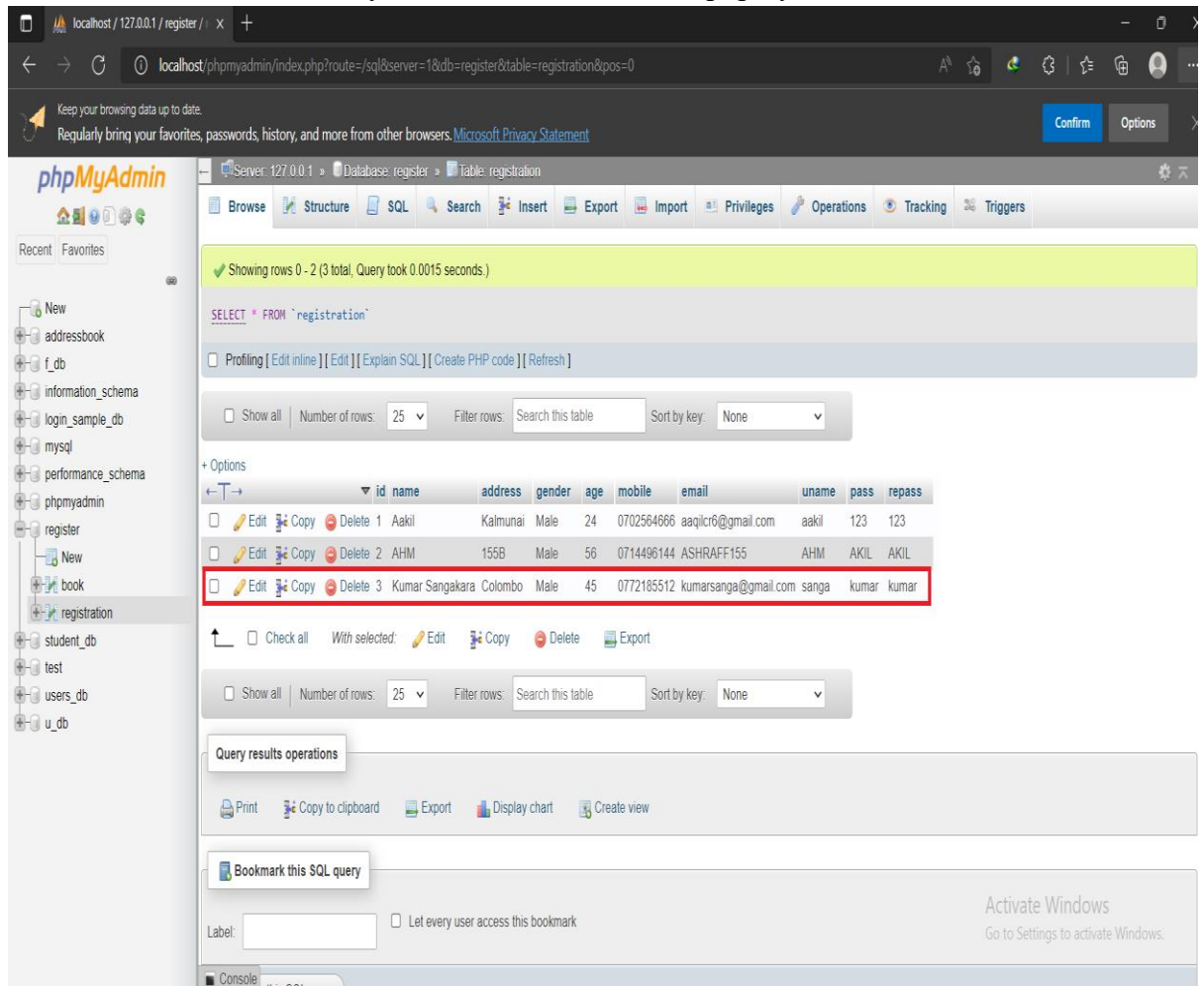
➢ After you can click login here button and you can get login interface.
➢ Next you enter the username and password. Like this,

➢ After you can click login button.

➢ If your password or username wrong you can get "Login Error!!! Please check password or username" message but your username and password right you can get "Login successfully" message and open SLTB Reserver main page.

➢ Next you can book the seat like this,

➢ If you want print bill click print button.

➢ If you want to see check available seats you click check available button.
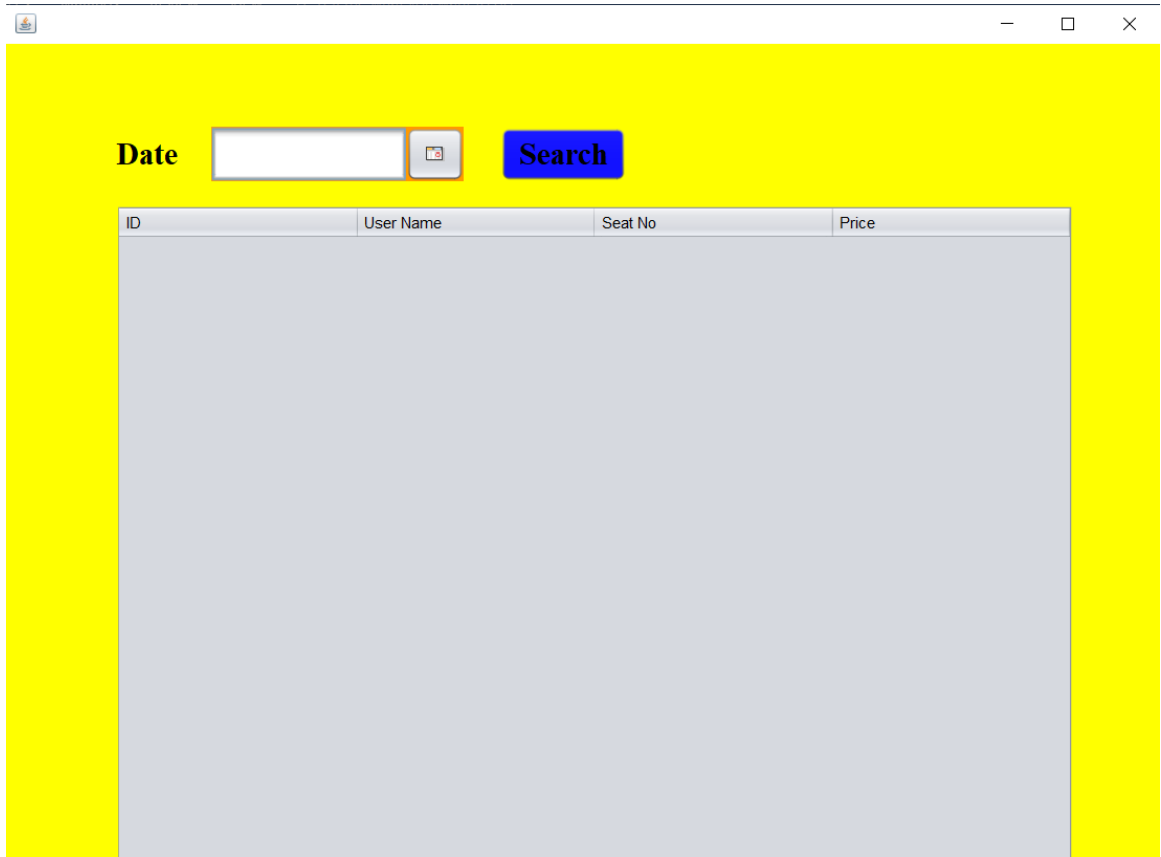
➢ Next you can get Check page

➢ If you enter the particular date and click search button you can get id ,username ,seat no and price. Like this

7. References

- W3school, java full notes

  https://www.w3schools.com/java/

- DSE Notes and Some practicals.

  https://lmsk.wyb.ac.lk/course/view.php?id=686

- Learning Programming Tutorial, Day1: Installing MySQL and phpMyAdmin On Windows

  https://www.youtube.com/watch?v=hH3Qs9aiTGg&list=PL7aDXn3HMkIHLQW5Y5b69VnR7ECcvbpUt&index=8

- CS CORNER Sunita Rai, How to Get Data from Database to JTable in Java | Display MySQL Data into JTable

  https://www.youtube.com/watch?v=1xF_PFJLs4g

- CS CORNER Sunita Rai, Login Form in Java Using Netbeans and Mysql Database [With Source Code]

  https://www.youtube.com/watch?v=uAm1TxNcz64&list=PL7aDXn3HMkIHLQW5Y5b69VnR7ECcvbpUt&index=6

- P. J. Deitel, Advanced Java 2: how to Program (4th edition).

  https://theswissbay.ch/pdf/Gentoomen%20Library/Programming/Java/Java%20How%20to%20Program%20%284th%20Edition%29%20-%20ISBN%200130341517.pdf

8. Appendixes of my Project

I. Login Page Code

```
package login;
        //import packages
import java.sql.*;
import javax.swing.JOptionPane;
public class LoginForm extends javax.swing.JFrame {
    public LoginForm() {
        initComponents();
    }
    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
            //Clear Format
        t1.setText("");
        t2.setText("");
    }
    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        //Login Button Clicked
        try{
            Class.forName("com.mysql.cj.jdbc.Driver");
            Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/register","root","");
            String s="SELECT * FROM `registration` where uname = ? and pass = ?";
            PreparedStatement ps=con.prepareStatement(s);
            ps.setString(1,t1.getText());
            ps.setString(2,t2.getText());
            ResultSet rs=ps.executeQuery();
            if(rs.next()==true)
            {
                JOptionPane.showMessageDialog(this, "Login Succesful");
                    MainPage form=new MainPage();
                    form.setVisible(true);
                    form.pack();
                    form.setLocationRelativeTo(null);
                    this.dispose();
            }
            else{
                JOptionPane.showMessageDialog(this, "Login Error !!! Please check password or
username");
            }
        }
        catch (Exception e){
            JOptionPane.showMessageDialog(this, "Connection fail");
        }
    }
    private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
            //Signup Button clicked
            SignupPage form=new SignupPage();
```

```
            form.setVisible(true);
            form.pack();
            form.setLocationRelativeTo(null);
            this.dispose();
        }
```

II.   Signup Page Code

```java
package login;
        //import packages
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import javax.swing.JOptionPane;
public class SignupPage extends javax.swing.JFrame {
   public SignupPage() {
      initComponents();
   }

   private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
         //Return Login Form
      LoginForm form=new LoginForm();
      form.setVisible(true);
      form.pack();
      form.setLocationRelativeTo(null);
      this.dispose();
   }

   private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
         //Submit Signup Details
      try{
         Class.forName("com.mysql.cj.jdbc.Driver");
         Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/register","root","");
         String s="INSERT INTO `registration`( `name`, `address`, `gender`, `age`, `mobile`,
`email`, `uname`, `pass`, `repass`) VALUES (?,?,?,?,?,?,?,?,?)";
         PreparedStatement ps=con.prepareStatement(s);
         ps.setString(1,t1.getText());
         ps.setString(2,t2.getText());
         String gender="";
         if(r1.isSelected()){
            gender="Male";
         }
         else if(r2.isSelected()){
            gender="Female";
         }

         ps.setString(3,gender);
         ps.setString(4,t3.getText());
         ps.setString(5,t4.getText());
         ps.setString(6,t5.getText());
         ps.setString(7,t6.getText());
         ps.setString(8,p1.getText());
         ps.setString(9,p2.getText());
```

```java
            if(p1.getText().equals(p2.getText())){
                JOptionPane.showMessageDialog(this,  "Password is correct");
                ps.executeUpdate();
                JOptionPane.showMessageDialog(this, t6.getText()+" "+"Is successfully
registerd");
            }
            else{
             JOptionPane.showMessageDialog(this,  "Password is Not Match");
            }
            //ps.executeUpdate();
            //JOptionPane.showMessageDialog(this, t6.getText()+" "+"Is successfully registerd");
           // if(rs.next()==true)
        }
      catch(Exception e){
          JOptionPane.showMessageDialog(this, "not connected");
      }
    }

    private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
          //Clear format
        t1.setText("");
        t2.setText("");
        t3.setText("");
        t4.setText("");
        t5.setText("");
        t6.setText("");
        p1.setText("");
        p2.setText("");

    }

    private void r1ActionPerformed(java.awt.event.ActionEvent evt) {
          //Radio Button 1 Selection
        if(r1.isSelected())
        {r2.setSelected(false);}
    }

    private void r2ActionPerformed(java.awt.event.ActionEvent evt) {
          //Radio Button 2 Selection
        if(r2.isSelected())
        {r1.setSelected(false);}
    }

    private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
                  //Exit format
        this.dispose();
    }
```

III.   Main Page Code

```java
package login;
        //import packages
import java.awt.event.MouseEvent;
import java.awt.event.MouseListener;
import javax.swing.JOptionPane;
import java.sql.*;
import java.text.SimpleDateFormat;
import java.util.logging.Level;
import java.util.logging.Logger;

public class MainPage extends javax.swing.JFrame implements MouseListener {
    public MainPage() {
        initComponents();
        s1.addMouseListener(this);
        s2.addMouseListener(this);
        s3.addMouseListener(this);
        s4.addMouseListener(this);
        s5.addMouseListener(this);
        s6.addMouseListener(this);
        s7.addMouseListener(this);
        s8.addMouseListener(this);
        s9.addMouseListener(this);
        s10.addMouseListener(this);
        s11.addMouseListener(this);
        s12.addMouseListener(this);
        s13.addMouseListener(this);
        s14.addMouseListener(this);
        s15.addMouseListener(this);
        s16.addMouseListener(this);
        s17.addMouseListener(this);
        s18.addMouseListener(this);
        s19.addMouseListener(this);
        s20.addMouseListener(this);
        s21.addMouseListener(this);
        s22.addMouseListener(this);
        s23.addMouseListener(this);
        s24.addMouseListener(this);
        s26.addMouseListener(this);
        s27.addMouseListener(this);
        s28.addMouseListener(this);
        s29.addMouseListener(this);
        s30.addMouseListener(this);
        s31.addMouseListener(this);
        s32.addMouseListener(this);
        s33.addMouseListener(this);
        s34.addMouseListener(this);
        s35.addMouseListener(this);
```

```java
        s36.addMouseListener(this);
        s37.addMouseListener(this);
        s38.addMouseListener(this);
        s39.addMouseListener(this);
        s40.addMouseListener(this);
        s41.addMouseListener(this);
        s42.addMouseListener(this);
        s43.addMouseListener(this);
        s44.addMouseListener(this);
        s45.addMouseListener(this);
        s46.addMouseListener(this);
        s47.addMouseListener(this);
        s48.addMouseListener(this);
        s49.addMouseListener(this);
        s50.addMouseListener(this);
        s51.addMouseListener(this);
        s52.addMouseListener(this);
        s53.addMouseListener(this);
        s54.addMouseListener(this);
        connect();
    }
        //SQL Connection
    int sno=0;
    Connection con;
    PreparedStatement ps;
    ResultSet rs;

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

con=DriverManager.getConnection("jdbc:mysql://localhost:3306/register","root","");
        } catch (ClassNotFoundException ex) {
            Logger.getLogger(MainPage.class.getName()).log(Level.SEVERE, null, ex);
        } catch (SQLException ex) {
        Logger.getLogger(MainPage.class.getName()).log(Level.SEVERE, null, ex);
    }
    }

    private void r1ActionPerformed(java.awt.event.ActionEvent evt) {
        //Radio button selection
    if(r1.isSelected())
    {r2.setSelected(false);}
    }

    private void r2ActionPerformed(java.awt.event.ActionEvent evt) {
    if(r2.isSelected())
    {r1.setSelected(false);}
    }
```

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```java
    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        String uname=t1.getText();
        int seat=sno;

        double t;
        double i;
            //Date format
        SimpleDateFormat date_form=new SimpleDateFormat("yyyy-MM-dd");
        String date=date_form.format(cl1.getDate());
            //Bill calculation
        String pm="";
            if(r1.isSelected()){
                pm="Full";
            }
            else if(r2.isSelected()){
                pm="Half";
            }
            String from=(String ) c1.getSelectedItem();
            String to=(String ) c2.getSelectedItem();
        if (c1.getSelectedItem().equals("Colombo")&&
c2.getSelectedItem().equals("Kalmunai")){
        i=700;

        ta.append(Double.toString(i));
        if(r1.isSelected()){
            ta1.append(Double.toString(i));
            ta2.append("*****Welcome SLTB Reserver*****\n");
            ta2.append("User Name:"+uname+"\n");
            ta2.append("Date:"+date+"\n");
            ta2.append("Seat No:"+seat+"\n");
            ta2.append("Total Price:");
            ta2.append(Double.toString(i));
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
        }
        else if(r2.isSelected()){
            ta1.append(Double.toString(i/2));
            ta2.append("*****Welcome SLTB Reserver*****\n");
            ta2.append("User Name:"+uname+"\n");
            ta2.append("Date:"+date+"\n");
            ta2.append("Seat No:"+seat+"\n");
            ta2.append("Total Price:");
            ta2.append(Double.toString(i/2));
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
        }


        }
```

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```java
    else if (c1.getSelectedItem().equals("Colombo")&&
c2.getSelectedItem().equals("Baticaloa")){
     i=600;

     ta.append(Double.toString(i));
     if(r1.isSelected()){
       ta1.append(Double.toString(i));
       ta2.append("*****Welcome SLTB Reserver*****\n");
       ta2.append("User Name:"+uname+"\n");
       ta2.append("Date:"+date+"\n");
       ta2.append("Seat No:"+seat+"\n");
       ta2.append("Total Price:");
       ta2.append(Double.toString(i));
       ta2.append("\n");
       ta2.append("*****Thank You For Booking*****\n");
     }
     else if(r2.isSelected()){
       ta1.append(Double.toString(i/2));
       ta2.append("*****Welcome SLTB Reserver*****\n");
       ta2.append("User Name:"+uname+"\n");
       ta2.append("Date:"+date+"\n");
       ta2.append("Seat No:"+seat+"\n");
       ta2.append("Total Price:");
       ta2.append(Double.toString(i/2));
       ta2.append("\n");
       ta2.append("*****Thank You For Booking*****\n");
     }
     }
     else if (c1.getSelectedItem().equals("Colombo")&&
c2.getSelectedItem().equals("Polanaruwa")){
     i=450;

     ta.append(Double.toString(i));
     if(r1.isSelected()){
       ta1.append(Double.toString(i));
       ta2.append("*****Welcome SLTB Reserver*****\n");
       ta2.append("User Name:"+uname+"\n");
       ta2.append("Date:"+date+"\n");
       ta2.append("Seat No:"+seat+"\n");
       ta2.append("Total Price:");
       ta2.append(Double.toString(i));
       ta2.append("\n");
       ta2.append("*****Thank You For Booking*****\n");
     }
     else if(r2.isSelected()){
       ta1.append(Double.toString(i/2));
       ta2.append("*****Welcome SLTB Reserver*****\n");
       ta2.append("User Name:"+uname+"\n");
       ta2.append("Date:"+date+"\n");
       ta2.append("Seat No:"+seat+"\n");
```

```java
            ta2.append("Total Price:");
            ta2.append(Double.toString(i/2));
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
        }
        }
        else if (c1.getSelectedItem().equals("Colombo")&&
c2.getSelectedItem().equals("Kurnagala")){
            i=250;

            ta.append(Double.toString(i));
            if(r1.isSelected()){
                ta1.append(Double.toString(i));
                ta2.append("*****Welcome SLTB Reserver*****\n");
                ta2.append("User Name:"+uname+"\n");
                ta2.append("Date:"+date+"\n");
                ta2.append("Seat No:"+seat+"\n");
                ta2.append("Total Price:");
                ta2.append(Double.toString(i));
                ta2.append("\n");
                ta2.append("*****Thank You For Booking*****\n");
            }
            else if(r2.isSelected()){
                ta1.append(Double.toString(i/2));
                ta2.append("*****Welcome SLTB Reserver*****\n");
                ta2.append("User Name:"+uname+"\n");
                ta2.append("Date:"+date+"\n");
                ta2.append("Seat No:"+seat+"\n");
                ta2.append("Total Price:");
                ta2.append(Double.toString(i/2));
                ta2.append("\n");
                ta2.append("*****Thank You For Booking*****\n");
            }
            }
            else if (c1.getSelectedItem().equals("Colombo")&&
c2.getSelectedItem().equals("Dambulla")){
            i=350;

            ta.append(Double.toString(i));
            if(r1.isSelected()){
                ta1.append(Double.toString(i));
                ta2.append("*****Welcome SLTB Reserver*****\n");
                ta2.append("User Name:"+uname+"\n");
                ta2.append("Date:"+date+"\n");
                ta2.append("Seat No:"+seat+"\n");
                ta2.append("Total Price:");
                ta2.append(Double.toString(i));
                ta2.append("\n");
                ta2.append("*****Thank You For Booking*****\n");
            }
```

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```java
      else if(r2.isSelected()){
        ta1.append(Double.toString(i/2));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i/2));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
      }
      }
      else if (c1.getSelectedItem().equals("Kalmunai")&&
c2.getSelectedItem().equals("Polanaruwa")){
      i=250;

      ta.append(Double.toString(i));
      if(r1.isSelected()){
        ta1.append(Double.toString(i));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
      }
      else if(r2.isSelected()){
        ta1.append(Double.toString(i/2));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i/2));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
      }
      }
      else if (c1.getSelectedItem().equals("Kalmunai")&&
c2.getSelectedItem().equals("Colombo")){
      i=700;

      ta.append(Double.toString(i));
      if(r1.isSelected()){
        ta1.append(Double.toString(i));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
```

```java
            ta2.append("Seat No:"+seat+"\n");
            ta2.append("Total Price:");
            ta2.append(Double.toString(i));
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
        }
        else if(r2.isSelected()){
            ta1.append(Double.toString(i/2));
            ta2.append("*****Welcome SLTB Reserver*****\n");
            ta2.append("User Name:"+uname+"\n");
            ta2.append("Date:"+date+"\n");
            ta2.append("Seat No:"+seat+"\n");
            ta2.append("Total Price:");
            ta2.append(Double.toString(i/2));
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
        }
        }
        else if (c1.getSelectedItem().equals("Kalmunai")&&
c2.getSelectedItem().equals("Kurnagala")){
            i=450;

            ta.append(Double.toString(i));
            if(r1.isSelected()){
                ta1.append(Double.toString(i));
                ta2.append("*****Welcome SLTB Reserver*****\n");
                ta2.append("User Name:"+uname+"\n");
                ta2.append("Date:"+date+"\n");
                ta2.append("Seat No:"+seat+"\n");
                ta2.append("Total Price:");
                ta2.append(Double.toString(i));
                ta2.append("\n");
                ta2.append("*****Thank You For Booking*****\n");
            }
            else if(r2.isSelected()){
                ta1.append(Double.toString(i/2));
                ta2.append("*****Welcome SLTB Reserver*****\n");
                ta2.append("User Name:"+uname+"\n");
                ta2.append("Date:"+date+"\n");
                ta2.append("Seat No:"+seat+"\n");
                ta2.append("Total Price:");
                ta2.append(Double.toString(i/2));
                ta2.append("\n");
                ta2.append("*****Thank You For Booking*****\n");
            }
            }
            else if (c1.getSelectedItem().equals("Kalmunai")&&
c2.getSelectedItem().equals("Baticaloa")){
            i=100;
```

```java
        ta.append(Double.toString(i));
        if(r1.isSelected()){
          ta1.append(Double.toString(i));
          ta2.append("*****Welcome SLTB Reserver*****\n");
          ta2.append("User Name:"+uname+"\n");
          ta2.append("Date:"+date+"\n");
          ta2.append("Seat No:"+seat+"\n");
          ta2.append("Total Price:");
          ta2.append(Double.toString(i));
          ta2.append("\n");
          ta2.append("*****Thank You For Booking*****\n");
        }
        else if(r2.isSelected()){
          ta1.append(Double.toString(i/2));
          ta2.append("*****Welcome SLTB Reserver*****\n");
          ta2.append("User Name:"+uname+"\n");
          ta2.append("Date:"+date+"\n");
          ta2.append("Seat No:"+seat+"\n");
          ta2.append("Total Price:");
          ta2.append(Double.toString(i/2));
          ta2.append("\n");
          ta2.append("*****Thank You For Booking*****\n");
        }
        }
        else if (c1.getSelectedItem().equals("Kalmunai")&&
    c2.getSelectedItem().equals("Dambulla")){
        i=350;

        ta.append(Double.toString(i));
        if(r1.isSelected()){
          ta1.append(Double.toString(i));
          ta2.append("*****Welcome SLTB Reserver*****\n");
          ta2.append("User Name:"+uname+"\n");
          ta2.append("Date:"+date+"\n");
          ta2.append("Seat No:"+seat+"\n");
          ta2.append("Total Price:");
          ta2.append(Double.toString(i));
          ta2.append("\n");
          ta2.append("*****Thank You For Booking*****\n");
        }
        else if(r2.isSelected()){
          ta1.append(Double.toString(i/2));
          ta2.append("*****Welcome SLTB Reserver*****\n");
          ta2.append("User Name:"+uname+"\n");
          ta2.append("Date:"+date+"\n");
          ta2.append("Seat No:"+seat+"\n");
          ta2.append("Total Price:");
          ta2.append(Double.toString(i/2));
          ta2.append("\n");
          ta2.append("*****Thank You For Booking*****\n");
```

```
      }
      }
      else if (c1.getSelectedItem().equals("Kurnagala")&&
c2.getSelectedItem().equals("Baticaloa")){
      i=350;

      ta.append(Double.toString(i));
      if(r1.isSelected()){
        ta1.append(Double.toString(i));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
      }
      else if(r2.isSelected()){
        ta1.append(Double.toString(i/2));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i/2));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
      }
      }
      else if (c1.getSelectedItem().equals("Kurnagala")&&
c2.getSelectedItem().equals("Colombo")){
      i=250;

      ta.append(Double.toString(i));
      if(r1.isSelected()){
        ta1.append(Double.toString(i));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
      }
      else if(r2.isSelected()){
        ta1.append(Double.toString(i/2));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
```

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```java
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i/2));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
      }
    }
    else if (c1.getSelectedItem().equals("Kurnagala")&&
c2.getSelectedItem().equals("Kalmunai")){
      i=450;

      ta.append(Double.toString(i));
      if(r1.isSelected()){
        ta1.append(Double.toString(i));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
      }
      else if(r2.isSelected()){
        ta1.append(Double.toString(i/2));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i/2));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
      }
    }
    else if (c1.getSelectedItem().equals("Kurnagala")&&
c2.getSelectedItem().equals("Dambulla")){
      i=100;

      ta.append(Double.toString(i));
      if(r1.isSelected()){
        ta1.append(Double.toString(i));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i));
        ta2.append("\n");
```

```java
      ta2.append("*****Thank You For Booking*****\n");
    }
    else if(r2.isSelected()){
      ta1.append(Double.toString(i/2));
      ta2.append("*****Welcome SLTB Reserver*****\n");
      ta2.append("User Name:"+uname+"\n");
      ta2.append("Date:"+date+"\n");
      ta2.append("Seat No:"+seat+"\n");
      ta2.append("Total Price:");
      ta2.append(Double.toString(i/2));
      ta2.append("\n");
      ta2.append("*****Thank You For Booking*****\n");
    }
    }
    else if (c1.getSelectedItem().equals("Kurnagala")&&
c2.getSelectedItem().equals("Polanaruwa")){
      i=250;

      ta.append(Double.toString(i));
      if(r1.isSelected()){
        ta1.append(Double.toString(i));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
      }
    else if(r2.isSelected()){
      ta1.append(Double.toString(i/2));
      ta2.append("*****Welcome SLTB Reserver*****\n");
      ta2.append("User Name:"+uname+"\n");
      ta2.append("Date:"+date+"\n");
      ta2.append("Seat No:"+seat+"\n");
      ta2.append("Total Price:");
      ta2.append(Double.toString(i/2));
      ta2.append("\n");
      ta2.append("*****Thank You For Booking*****\n");
    }
    }
    else if (c1.getSelectedItem().equals("Dambulla")&&
c2.getSelectedItem().equals("Polanaruwa")){
      i=150;

      ta.append(Double.toString(i));
      if(r1.isSelected()){
        ta1.append(Double.toString(i));
        ta2.append("*****Welcome SLTB Reserver*****\n");
```

```java
            ta2.append("User Name:"+uname+"\n");
            ta2.append("Date:"+date+"\n");
            ta2.append("Seat No:"+seat+"\n");
            ta2.append("Total Price:");
            ta2.append(Double.toString(i));
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
        }
        else if(r2.isSelected()){
            ta1.append(Double.toString(i/2));
            ta2.append("*****Welcome SLTB Reserver*****\n");
            ta2.append("User Name:"+uname+"\n");
            ta2.append("Date:"+date+"\n");
            ta2.append("Seat No:"+seat+"\n");
            ta2.append("Total Price:");
            ta2.append(Double.toString(i/2));
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
        }
        }
        else if (c1.getSelectedItem().equals("Dambulla")&&
c2.getSelectedItem().equals("Kurnagala")){
            i=100;

            ta.append(Double.toString(i));
            if(r1.isSelected()){
                ta1.append(Double.toString(i));
                ta2.append("*****Welcome SLTB Reserver*****\n");
                ta2.append("User Name:"+uname+"\n");
                ta2.append("Date:"+date+"\n");
                ta2.append("Seat No:"+seat+"\n");
                ta2.append("Total Price:");
                ta2.append(Double.toString(i));
                ta2.append("\n");
                ta2.append("*****Thank You For Booking*****\n");
            }
            else if(r2.isSelected()){
                ta1.append(Double.toString(i/2));
                ta2.append("*****Welcome SLTB Reserver*****\n");
                ta2.append("User Name:"+uname+"\n");
                ta2.append("Date:"+date+"\n");
                ta2.append("Seat No:"+seat+"\n");
                ta2.append("Total Price:");
                ta2.append(Double.toString(i/2));
                ta2.append("\n");
                ta2.append("*****Thank You For Booking*****\n");
            }
            }
        else if (c1.getSelectedItem().equals("Dambulla")&&
c2.getSelectedItem().equals("Colombo")){
```

```java
    i=350;

    ta.append(Double.toString(i));
    if(r1.isSelected()){
        ta1.append(Double.toString(i));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
    }
    else if(r2.isSelected()){
        ta1.append(Double.toString(i/2));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i/2));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
    }
    }
    else if (c1.getSelectedItem().equals("Dambulla")&&
c2.getSelectedItem().equals("Kalmunai")){
    i=350;

    ta.append(Double.toString(i));
    if(r1.isSelected()){
        ta1.append(Double.toString(i));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
    }
    else if(r2.isSelected()){
        ta1.append(Double.toString(i/2));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i/2));
```

```java
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
          }
        }
        else if (c1.getSelectedItem().equals("Dambulla")&&
    c2.getSelectedItem().equals("Baticaloa")){
          i=300;

          ta.append(Double.toString(i));
          if(r1.isSelected()){
            ta1.append(Double.toString(i));
            ta2.append("*****Welcome SLTB Reserver*****\n");
            ta2.append("User Name:"+uname+"\n");
            ta2.append("Date:"+date+"\n");
            ta2.append("Seat No:"+seat+"\n");
            ta2.append("Total Price:");
            ta2.append(Double.toString(i));
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
          }
          else if(r2.isSelected()){
            ta1.append(Double.toString(i/2));
            ta2.append("*****Welcome SLTB Reserver*****\n");
            ta2.append("User Name:"+uname+"\n");
            ta2.append("Date:"+date+"\n");
            ta2.append("Seat No:"+seat+"\n");
            ta2.append("Total Price:");
            ta2.append(Double.toString(i/2));
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
          }
        }
        else if (c1.getSelectedItem().equals("Baticaloa")&&
    c2.getSelectedItem().equals("Polanaruwa")){
          i=200;

          ta.append(Double.toString(i));
          if(r1.isSelected()){
            ta1.append(Double.toString(i));
            ta2.append("*****Welcome SLTB Reserver*****\n");
            ta2.append("User Name:"+uname+"\n");
            ta2.append("Date:"+date+"\n");
            ta2.append("Seat No:"+seat+"\n");
            ta2.append("Total Price:");
            ta2.append(Double.toString(i));
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
          }
          else if(r2.isSelected()){
            ta1.append(Double.toString(i/2));
```

```java
            ta2.append("*****Welcome SLTB Reserver*****\n");
            ta2.append("User Name:"+uname+"\n");
            ta2.append("Date:"+date+"\n");
            ta2.append("Seat No:"+seat+"\n");
            ta2.append("Total Price:");
            ta2.append(Double.toString(i/2));
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
        }
        }
        else if (c1.getSelectedItem().equals("Baticaloa")&&
    c2.getSelectedItem().equals("Colombo")){
        i=600;

        ta.append(Double.toString(i));
        if(r1.isSelected()){
            ta1.append(Double.toString(i));
            ta2.append("*****Welcome SLTB Reserver*****\n");
            ta2.append("User Name:"+uname+"\n");
            ta2.append("Date:"+date+"\n");
            ta2.append("Seat No:"+seat+"\n");
            ta2.append("Total Price:");
            ta2.append(Double.toString(i));
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
        }
        else if(r2.isSelected()){
            ta1.append(Double.toString(i/2));
            ta2.append("*****Welcome SLTB Reserver*****\n");
            ta2.append("User Name:"+uname+"\n");
            ta2.append("Date:"+date+"\n");
            ta2.append("Seat No:"+seat+"\n");
            ta2.append("Total Price:");
            ta2.append(Double.toString(i/2));
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
        }
        }
        else if (c1.getSelectedItem().equals("Baticaloa")&&
    c2.getSelectedItem().equals("Kalmunai")){
        i=100;

        ta.append(Double.toString(i));
        if(r1.isSelected()){
            ta1.append(Double.toString(i));
            ta2.append("*****Welcome SLTB Reserver*****\n");
            ta2.append("User Name:"+uname+"\n");
            ta2.append("Date:"+date+"\n");
            ta2.append("Seat No:"+seat+"\n");
            ta2.append("Total Price:");
```

```java
        ta2.append(Double.toString(i));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
      }
      else if(r2.isSelected()){
        ta1.append(Double.toString(i/2));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i/2));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
      }
      }
      else if (c1.getSelectedItem().equals("Baticaloa")&&
c2.getSelectedItem().equals("Kurnagala")){
      i=350;

      ta.append(Double.toString(i));
      if(r1.isSelected()){
        ta1.append(Double.toString(i));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
      }
      else if(r2.isSelected()){
        ta1.append(Double.toString(i/2));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i/2));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
      }
      }
      else if (c1.getSelectedItem().equals("Baticaloa")&&
c2.getSelectedItem().equals("Dambulla")){
      i=300;

      ta.append(Double.toString(i));
      if(r1.isSelected()){
```

```
            ta1.append(Double.toString(i));
            ta2.append("*****Welcome SLTB Reserver*****\n");
            ta2.append("User Name:"+uname+"\n");
            ta2.append("Date:"+date+"\n");
            ta2.append("Seat No:"+seat+"\n");
            ta2.append("Total Price:");
            ta2.append(Double.toString(i));
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
        }
        else if(r2.isSelected()){
            ta1.append(Double.toString(i/2));
            ta2.append("*****Welcome SLTB Reserver*****\n");
            ta2.append("User Name:"+uname+"\n");
            ta2.append("Date:"+date+"\n");
            ta2.append("Seat No:"+seat+"\n");
            ta2.append("Total Price:");
            ta2.append(Double.toString(i/2));
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
        }
        }
        else if (c1.getSelectedItem().equals("Polanaruwa")&&
    c2.getSelectedItem().equals("Baticaloa")){
            i=200;

            ta.append(Double.toString(i));
            if(r1.isSelected()){
            ta1.append(Double.toString(i));
            ta2.append("*****Welcome SLTB Reserver*****\n");
            ta2.append("User Name:"+uname+"\n");
            ta2.append("Date:"+date+"\n");
            ta2.append("Seat No:"+seat+"\n");
            ta2.append("Total Price:");
            ta2.append(Double.toString(i));
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
        }
        else if(r2.isSelected()){
            ta1.append(Double.toString(i/2));
            ta2.append("*****Welcome SLTB Reserver*****\n");
            ta2.append("User Name:"+uname+"\n");
            ta2.append("Date:"+date+"\n");
            ta2.append("Seat No:"+seat+"\n");
            ta2.append("Total Price:");
            ta2.append(Double.toString(i/2));
            ta2.append("\n");
            ta2.append("*****Thank You For Booking*****\n");
        }
        }
```

```java
else if (c1.getSelectedItem().equals("Polanaruwa")&&
c2.getSelectedItem().equals("Dambulla")){
     i=150;

     ta.append(Double.toString(i));
     if(r1.isSelected()){
       ta1.append(Double.toString(i));
       ta2.append("*****Welcome SLTB Reserver*****\n");
       ta2.append("User Name:"+uname+"\n");
       ta2.append("Date:"+date+"\n");
       ta2.append("Seat No:"+seat+"\n");
       ta2.append("Total Price:");
       ta2.append(Double.toString(i));
       ta2.append("\n");
       ta2.append("*****Thank You For Booking*****\n");
     }
     else if(r2.isSelected()){
       ta1.append(Double.toString(i/2));
       ta2.append("*****Welcome SLTB Reserver*****\n");
       ta2.append("User Name:"+uname+"\n");
       ta2.append("Date:"+date+"\n");
       ta2.append("Seat No:"+seat+"\n");
       ta2.append("Total Price:");
       ta2.append(Double.toString(i/2));
       ta2.append("\n");
       ta2.append("*****Thank You For Booking*****\n");
     }
     }
         else if (c1.getSelectedItem().equals("Polanaruwa")&&
c2.getSelectedItem().equals("Kalmunai")){
     i=250;

     ta.append(Double.toString(i));
     if(r1.isSelected()){
       ta1.append(Double.toString(i));
       ta2.append("*****Welcome SLTB Reserver*****\n");
       ta2.append("User Name:"+uname+"\n");
       ta2.append("Date:"+date+"\n");
       ta2.append("Seat No:"+seat+"\n");
       ta2.append("Total Price:");
       ta2.append(Double.toString(i));
       ta2.append("\n");
       ta2.append("*****Thank You For Booking*****\n");
     }
     else if(r2.isSelected()){
       ta1.append(Double.toString(i/2));
       ta2.append("*****Welcome SLTB Reserver*****\n");
       ta2.append("User Name:"+uname+"\n");
       ta2.append("Date:"+date+"\n");
       ta2.append("Seat No:"+seat+"\n");
```

```java
        ta2.append("Total Price:");
        ta2.append(Double.toString(i/2));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
    };
    }
        else if (c1.getSelectedItem().equals("Polanaruwa")&&
c2.getSelectedItem().equals("Colombo")){
    i=450;

    ta.append(Double.toString(i));
    if(r1.isSelected()){
        ta1.append(Double.toString(i));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
    }
    else if(r2.isSelected()){
        ta1.append(Double.toString(i/2));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i/2));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
    }
    }
    else if (c1.getSelectedItem().equals("Polanaruwa")&&
c2.getSelectedItem().equals("Kurnagala")){
    i=250;

    ta.append(Double.toString(i));
    if(r1.isSelected()){
        ta1.append(Double.toString(i));
        ta2.append("*****Welcome SLTB Reserver*****\n");
        ta2.append("User Name:"+uname+"\n");
        ta2.append("Date:"+date+"\n");
        ta2.append("Seat No:"+seat+"\n");
        ta2.append("Total Price:");
        ta2.append(Double.toString(i));
        ta2.append("\n");
        ta2.append("*****Thank You For Booking*****\n");
    }
```

```java
    else if(r2.isSelected()){
      ta1.append(Double.toString(i/2));
      ta2.append("*****Welcome SLTB Reserver*****\n");
      ta2.append("User Name:"+uname+"\n");
      ta2.append("Date:"+date+"\n");
      ta2.append("Seat No:"+seat+"\n");
      ta2.append("Total Price:");
      ta2.append(Double.toString(i/2));
      ta2.append("\n");
      ta2.append("*****Thank You For Booking*****\n");
    }
    }
      //SQL Connection
    try {
      ps=con.prepareStatement("SELECT * FROM book WHERE date=? and seatno=?");
      ps.setString(1, date);
      ps.setInt(2, seat);
      rs=ps.executeQuery();
      if(rs.next()){
        JOptionPane.showMessageDialog(this, "This Seat Already Booked !!! Please try
another Seat");
      }
      else{
        ps=con.prepareStatement("INSERT INTO `book`( `username`, `seatno`, `date`,
`from`, `to`, `price`,`ticket_type`, `total_price`) VALUES (?,?,?,?,?,?,?,?)");
      ps.setString(1,uname);
      ps.setInt(2,seat);
      ps.setString(3,date);
      ps.setString(4,from);
      ps.setString(5,to);
      ps.setString(6,ta.getText());
      ps.setString(7,pm);
      ps.setString(8,ta1.getText());
      int k=ps.executeUpdate();
      if (k==1){
        JOptionPane.showMessageDialog(this, "Seat Booked");
      }
      else{
        JOptionPane.showMessageDialog(this, "Somthing Wrong");
      }
      }
    } catch (SQLException ex) {
      Logger.getLogger(MainPage.class.getName()).log(Level.SEVERE, null, ex);
    }
  }
  private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    this.dispose();
  }
  private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    Check form=new Check();
```

```java
        form.setVisible(true);
    }
    private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {

        // Clear format
      t1.setText("");
      ta1.setText("");
      ta2.setText("");
      ta.setText("");
    }
```

IV. Checking Page Code

```java
package login;
//import packages
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.text.SimpleDateFormat;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import java.sql.ResultSetMetaData;
import java.util.Vector;
import javax.swing.table.DefaultTableModel;

public class Check extends javax.swing.JFrame {
    public Check() {
        initComponents();
        connect();
    }
    Connection con;
        PreparedStatement ps;
        ResultSet rs;
        public void connect(){
          // SQL Connection
              try {
                  Class.forName("com.mysql.cj.jdbc.Driver");

con=DriverManager.getConnection("jdbc:mysql://localhost:3306/register","root","");
            } catch (ClassNotFoundException ex) {
                Logger.getLogger(MainPage.class.getName()).log(Level.SEVERE, null, ex);
            } catch (SQLException ex) {
          Logger.getLogger(MainPage.class.getName()).log(Level.SEVERE, null, ex);
        }
        }


  @SuppressWarnings("unchecked")
  // <editor-fold defaultstate="collapsed" desc="Generated Code">
  private void initComponents() {

    jPanel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jScrollPane1 = new javax.swing.JScrollPane();
    tab = new javax.swing.JTable();
    jButton1 = new javax.swing.JButton();
    cl1 = new com.toedter.calendar.JDateChooser();
```

```java
        jPanel1.setBackground(new java.awt.Color(255, 255, 0));

        jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
        jLabel1.setText("Date");

        tab.setBackground(new java.awt.Color(0, 204, 204));
        tab.setModel(new javax.swing.table.DefaultTableModel(
            new Object [][] {

            },
            new String [] {
                "ID", "User Name", "Seat No", "Price"
            }
        ));
        tab.setGridColor(new java.awt.Color(102, 102, 255));
        tab.setRowMargin(0);
        jScrollPane1.setViewportView(tab);

        jButton1.setBackground(new java.awt.Color(0, 0, 255));
        jButton1.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N
        jButton1.setText("Search");
        jButton1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton1ActionPerformed(evt);
            }
        });

        cl1.setBackground(new java.awt.Color(255, 153, 0));

        javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
        jPanel1.setLayout(jPanel1Layout);
        jPanel1Layout.setHorizontalGroup(
            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(84, 84, 84)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 732, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGroup(jPanel1Layout.createSequentialGroup()
                        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 61, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                        .addComponent(cl1, javax.swing.GroupLayout.PREFERRED_SIZE, 193, javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addGap(28, 28, 28)
                        .addComponent(jButton1)
```

```java
            .addGap(16, 16, 16)))
          .addContainerGap(67, Short.MAX_VALUE))
    );
    jPanel1Layout.setVerticalGroup(
      jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(64, 64, 64)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADI
NG)
          .addComponent(cl1, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASEL
INE)
            .addComponent(jLabel1)
            .addComponent(jButton1)))
        .addGap(18, 18, 18)
        .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 501,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap())
    );

    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);
  }// </editor-fold>

  private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
      //Table Add
    SimpleDateFormat date_form=new SimpleDateFormat("yyyy-MM-dd");
    String date=date_form.format(cl1.getDate());
    int seatno;
    try {
      ps=con.prepareStatement("SELECT * FROM book WHERE date= ? ");
      ps.setString(1, date);
```

```
        rs=ps.executeQuery();
        if(rs.next()==false){
           JOptionPane.showMessageDialog(this, "No Seats Booked");

        }
        else{
           ResultSetMetaData rsd=rs.getMetaData();
           int c=rsd.getColumnCount();
           DefaultTableModel d=(DefaultTableModel)tab.getModel();
           d.setRowCount(0);

           while(rs.next()){
              Vector v2=new Vector();
              for(int i=1;i<c;i++){
                 v2.add(rs.getString("sid"));
                 v2.add(rs.getString("username"));
                 v2.add(rs.getString("seatno"));
                 v2.add(rs.getString("total_price"));
              }
              d.addRow(v2);
           }
        }
     } catch (SQLException ex) {
        Logger.getLogger(Check.class.getName()).log(Level.SEVERE, null, ex);
     }
  }
```

Problem in the coding:

First row not show in the table but 2nd, 3rd, ... rows are show in the table.

Thank You!!!