



Sir Syed University
of Engineering & Technology

RAILWAY MANAGEMENT SYSTEM

GROUP MEMBERS:

SAMEER KHAN GHAURI (BIT-007)

MUHAMMAD SAAD (BIT-008)

SAMEER FAZLANI (BIT-006)

INTRODUCTION:

In this project we have designed a railway ticketing system in which user will first register then login to his Pakistan railway account if the ID and Password entered by the user matches the one in the registration form a new form will open through which he can book a ticket, we have added different classes of ticket and the ticket type whether the user wants a return ticket or single one whether he wants to travel in standard class, economy class or first class. The system will ask the user from where he wants to travel and his preferred destination to where he wants to travel. Once after user enters total numbers of passenger and calculate total it will give subtotal price tax price and tax per person is 500 rupees the total bill is generated after adding subtotal and tax and user can confirm his ticket on the next form.

FEATURES OF PROJECT:

- Registration
- Login
- Ticket booking
- (Single and return type)
- Multiple Booking
- Different class
- (Standard, Economy, First class)
- Ticket prices
- No of passengers
- Ticket price without tax * no of passengers
- Tax*no of passengers
- Total amount after all calculations

CODING AND DESIGNS

FORM1.CS:

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace WinFormsApp10
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void Form1_Load(object sender, EventArgs e)
        {
        }

        private void label2_Click(object sender, EventArgs e)
        {
        }

        private void button1_Click(object sender, EventArgs e)
        {
            string uname = textBox1.Text;
            string pass = textBox2.Text;
            Form2 frm2 = new Form2();
            while (true)
            {

                if (textBox1.Text == "" || textBox2.Text == "")
                {
                    MessageBox.Show("incorrect username or password", "ERROR",
                    MessageBoxButtons.OKCancel, MessageBoxIcon.Error);
                    frm2.Hide();
                    break;
                }

                textBox1.Text = Form3.SetValueForText10;
                textBox2.Text = Form3.SetValueForText11;

                if (uname == textBox1.Text && pass == textBox2.Text)
                {

```

```

        frm2.ShowDialog();
        break;

    }

    else
    {
        MessageBox.Show("incorrect username or password", "ERROR",
        MessageBoxButtons.OKCancel, MessageBoxIcon.Error);
        frm2.Hide();
        break;
    }
}

}

private void button2_Click(object sender, EventArgs e)
{
    Form3 frm3 = new Form3();
    frm3.Show();
}

private void textBox2_TextChanged(object sender, EventArgs e)
{
    textBox2.PasswordChar = '*';
}
}
}

```

FORM1.CS[DESIGN]:



FORM2.CS:

```
using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Text;

using System.Windows.Forms;

namespace WinFormsApp10
{
    public partial class Form2 : Form
    {
        public Form2()
        {
            InitializeComponent();
        }

        private void button2_Click(object sender, EventArgs e)
        {
            SetValueForText1 = textBox1.Text;

            SetValueForText2 = textBox4.Text;

            SetValueForText3 = radioButton1.Text;

            SetValueForText4 = radioButton2.Text;

            SetValueForText5 = radioButton3.Text;

            SetValueForText6 = radioButton4.Text;

            SetValueForText7 = radioButton5.Text;
        }
    }
}
```

```
Form4 frm4 = new Form4();

if (radioButton1.Checked == false && radioButton2.Checked == false && radioButton3.Checked
== false && radioButton4.Checked == false && radioButton5.Checked == false || comboBox1.Text == ""
|| comboBox2.Text == "" || textBox1.Text == null)
{
    MessageBox.Show("Fill all the entries", "ERROR", MessageBoxButtons.OKCancel,
MessageBoxIcon.Error);

    frm4.Hide();
}

else if (comboBox1.Text == "Karachi" && comboBox2.Text == "Karachi")
{
    MessageBox.Show("Select proper destination", "ERROR", MessageBoxButtons.OKCancel,
MessageBoxIcon.Error);

}

else if (comboBox1.Text == "Islamabad" && comboBox2.Text == "Islamabad")
{
    MessageBox.Show("Select proper destination", "ERROR", MessageBoxButtons.OKCancel,
MessageBoxIcon.Error);

}

else if (comboBox1.Text == "Lahore" && comboBox2.Text == "Lahore")
{
    MessageBox.Show("Select proper destination", "ERROR", MessageBoxButtons.OKCancel,
MessageBoxIcon.Error);

}

else if (comboBox1.Text == "Peshawar" && comboBox2.Text == "Peshawar")
{
```

```
        MessageBox.Show("Select proper destination", "ERROR", MessageBoxButtons.OKCancel,
        MessageBoxIcon.Error);
```

```
    }
```

```
    else if (comboBox1.Text == "Quetta" && comboBox2.Text == "Quetta")
```

```
    {
```

```
        MessageBox.Show("Select proper destination", "ERROR", MessageBoxButtons.OKCancel,
        MessageBoxIcon.Error);
```

```
    }
```

```
    else
```

```
    {
```

```
        frm4.Show();
```

```
    }
```

```
}
```

```
private void button1_Click(object sender, EventArgs e)
```

```
{
```

```
    if (radioButton1.Checked == false && radioButton2.Checked == false && radioButton3.Checked
== false && radioButton4.Checked == false && radioButton5.Checked == false || comboBox1.Text == ""
|| comboBox2.Text == "" || textBox1.Text == null)
```

```
    {
```

```
        MessageBox.Show("Fill all the entries", "ERROR", MessageBoxButtons.OKCancel,
        MessageBoxIcon.Error);
```

```
    }
```

```
    if (comboBox1.Text == "Karachi" && comboBox2.Text == "Karachi")
```

```
    {
```

```
        MessageBox.Show("Select proper destination", "ERROR", MessageBoxButtons.OKCancel,
        MessageBoxIcon.Error);
```

```
        textBox2.Text = null;

        textBox3.Text = null;

        textBox4.Text = null;
    }

    else if (comboBox1.Text == "Islamabad" && comboBox2.Text == "Islamabad")
    {
        MessageBox.Show("Select proper destination", "ERROR", MessageBoxButtons.OKCancel,
        MessageBoxIcon.Error);

        textBox2.Text = null;

        textBox3.Text = null;

        textBox4.Text = null;
    }

    else if (comboBox1.Text == "Lahore" && comboBox2.Text == "Lahore")
    {
        MessageBox.Show("Select proper destination", "ERROR", MessageBoxButtons.OKCancel,
        MessageBoxIcon.Error);

        textBox2.Text = null;

        textBox3.Text = null;

        textBox4.Text = null;
    }

    else if (comboBox1.Text == "Peshawar" && comboBox2.Text == "Peshawar")
    {
        MessageBox.Show("Select proper destination", "ERROR", MessageBoxButtons.OKCancel,
        MessageBoxIcon.Error);

        textBox2.Text = null;

        textBox3.Text = null;

        textBox4.Text = null;
    }

    else if (comboBox1.Text == "Quetta" && comboBox2.Text == "Quetta")
    {
```



```
        MessageBox.Show("Select proper destination", "ERROR", MessageBoxButtons.OKCancel,
        MessageBoxIcon.Error);
```

```
        textBox2.Text = null;
```

```
        textBox3.Text = null;
```

```
        textBox4.Text = null;
```

```
    }
```

```
    Object uservalue = comboBox1.SelectedItem;
```

```
    Object uservalue1 = comboBox2.SelectedItem;
```

```
    long noofpassengers;
```

```
    noofpassengers = long.Parse(textBox1.Text);
```

```
    long subtotal, tax = 500, total;
```

```
    long t1;
```

```
    //-----This code for standard ticket one way from Karachi To Lahore & Lahore  
    to Karachi-----
```

```
    if (radioButton1.Checked && radioButton4.Checked && (uservalue.ToString() == "Karachi" ||  
    uservalue.ToString() == "Lahore") && (uservalue1.ToString() == "Lahore" || uservalue1.ToString() ==  
    "Karachi"))
```

```
    {
```

```
        t1 = 2000;
```

```
        subtotal = t1 * noofpassengers;
```

```
        textBox2.Text = subtotal.ToString();
```

```
        tax = tax * noofpassengers;
```

```
        textBox3.Text = tax.ToString();
```

```
        total = subtotal + tax;
```

```

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();

    }

    //-----
    -----//

    //-----This code for standard ticket one way from Karachi To Islamabad &
    Islamabad to Karachi-----

    else

        if (radioButton1.Checked && radioButton4.Checked && (uservalue.ToString() == "Karachi" ||
        uservalue.ToString() == "Islamabad") && (uservalue1.ToString() == "Islamabad" || uservalue1.ToString()
        == "Karachi"))

        {

            t1 = 2500;

            subtotal = t1 * noofpassengers;

            textBox2.Text = subtotal.ToString();

            tax = tax * noofpassengers;

            textBox3.Text = tax.ToString();

            total = subtotal + tax;

            textBox4.Text = total.ToString();

            textBox5.Text = t1.ToString();

        }

    //-----
    -----//

    //-----This code for standard ticket one way from Karachi To Peshawar &
    Peshawar to Karachi-----

    else

```

```
        if (radioButton1.Checked && radioButton4.Checked && (uservalue.ToString() == "Karachi" ||  
uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()  
== "Karachi"))
```

```
    {  
        t1 = 3000;  
        subtotal = t1 * noofpassengers;  
        textBox2.Text = subtotal.ToString();  
        tax = tax * noofpassengers;  
        textBox3.Text = tax.ToString();  
        total = subtotal + tax;  
        textBox4.Text = total.ToString();  
        textBox5.Text = t1.ToString();
```

```
    }
```

```
    //-----  
-----//
```

```
    //-----This code for standard ticket one way from Karachi To Quetta & Quetta  
to Karachi-----
```

```
    else
```

```
        if (radioButton1.Checked && radioButton4.Checked && (uservalue.ToString() == "Karachi" ||  
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==  
"Karachi"))
```

```
    {  
        t1 = 1500;  
        subtotal = t1 * noofpassengers;  
        textBox2.Text = subtotal.ToString();  
        tax = tax * noofpassengers;  
        textBox3.Text = tax.ToString();  
        total = subtotal + tax;  
        textBox4.Text = total.ToString();
```

```

        textBox5.Text = t1.ToString();

    }

    //-----
    -----//

    //-----This code for standard Return ticket from Karachi To Lahore & Lahore
to Karachi-----

    else

        if (radioButton1.Checked && radioButton5.Checked && (uservalue.ToString() == "Karachi" ||
uservalue.ToString() == "Lahore") && (uservalue1.ToString() == "Lahore" || uservalue1.ToString() ==
"Karachi"))

        {

            t1 = 4000;

            subtotal = t1 * noofpassengers;

            textBox2.Text = subtotal.ToString();

            tax = tax * noofpassengers;

            textBox3.Text = tax.ToString();

            total = subtotal + tax;

            textBox4.Text = total.ToString();

            textBox5.Text = t1.ToString();

        }

    //-----
    -----//

    //-----This code for standard Return ticket from Karachi To Islamabad &
Islamabad to Karachi-----

    else

        if (radioButton1.Checked && radioButton5.Checked && (uservalue.ToString() == "Karachi" ||
uservalue.ToString() == "Islamabad") && (uservalue1.ToString() == "Islamabad" || uservalue1.ToString()
== "Karachi"))

```

```

{
    t1 = 5000;

    subtotal = t1 * noofpassengers;

    textBox2.Text = subtotal.ToString();

    tax = tax * noofpassengers;

    textBox3.Text = tax.ToString();

    total = subtotal + tax;

    textBox4.Text = total.ToString();

    textBox5.Text = t1.ToString();

}

//-----
-----//

//-----This code for standard Return ticket from Karachi To Peshawar &
Peshawar to Karachi-----

else

    if (radioButton1.Checked && radioButton5.Checked && (uservalue.ToString() == "Karachi" ||
uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()
== "Karachi"))

    {
        t1 = 6000;

        subtotal = t1 * noofpassengers;

        textBox2.Text = subtotal.ToString();

        tax = tax * noofpassengers;

        textBox3.Text = tax.ToString();

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();

    }

```

```
//-----  
-----//
```

```
//-----This code for standard Return ticket from Karachi To Quetta & Quetta  
to Karachi-----
```

```
else
```

```
if (radioButton1.Checked && radioButton5.Checked && (uservalue.ToString() == "Karachi" ||  
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==  
"Karachi"))
```

```
{
```

```
    t1 = 3000;
```

```
    subtotal = t1 * noofpassengers;
```

```
    textBox2.Text = subtotal.ToString();
```

```
    tax = tax * noofpassengers;
```

```
    textBox3.Text = tax.ToString();
```

```
    total = subtotal + tax;
```

```
    textBox4.Text = total.ToString();
```

```
    textBox5.Text = t1.ToString();
```

```
}
```

```
//-----  
-----//
```

```
//-----Now Code Start For Standard ticket one way From Lahore to  
Islamabad and Islamabad to Lahore.-----
```

```
else
```

```
if (radioButton1.Checked && radioButton4.Checked && (uservalue.ToString() == "Lahore" ||  
uservalue.ToString() == "Islamabad") && (uservalue1.ToString() == "Islamabad" || uservalue1.ToString()  
== "Lahore"))
```

```
{
```

```

        t1 = 1400;

        subtotal = t1 * noofpassengers;

        textBox2.Text = subtotal.ToString();

        tax = tax * noofpassengers;

        textBox3.Text = tax.ToString();

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();

    }

    //-----
    -----//

    else

        //-----Now Code starts for Standard ticket one way from Lahore to Peshawar &
        Peshawar to Lahore-----//

        if (radioButton1.Checked && radioButton4.Checked && (uservalue.ToString() == "Lahore" ||
        uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()
        == "Lahore"))

        {

            t1 = 1800;

            subtotal = t1 * noofpassengers;

            textBox2.Text = subtotal.ToString();

            tax = tax * noofpassengers;

            textBox3.Text = tax.ToString();

            total = subtotal + tax;

            textBox4.Text = total.ToString();

            textBox5.Text = t1.ToString();

        }

```

```
//-----  
-----//
```

else

```
//-----Now Code starts for Standard Ticket one way from Lahore to Quetta & Quetta  
to Lahore-----//
```

```
if (radioButton1.Checked && radioButton4.Checked && (uservalue.ToString() == "Lahore" ||  
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==  
"Lahore"))
```

```
{
```

```
    t1 = 3000;
```

```
    subtotal = t1 * noofpassengers;
```

```
    textBox2.Text = subtotal.ToString();
```

```
    tax = tax * noofpassengers;
```

```
    textBox3.Text = tax.ToString();
```

```
    total = subtotal + tax;
```

```
    textBox4.Text = total.ToString();
```

```
    textBox5.Text = t1.ToString();
```

```
}
```

```
//-----//
```

else

```
//-----Now Code Starts For Standard Ticket Return From Lahore To Islamabad &  
Islamabad to Lahore-----//
```

```
if (radioButton1.Checked && radioButton5.Checked && (uservalue.ToString() == "Lahore" ||  
uservalue.ToString() == "Islamabad") && (uservalue1.ToString() == "Islamabad" || uservalue1.ToString()  
== "Lahore"))
```

```
{
```

```
    t1 = 2800;
```



```

        subtotal = t1 * noofpassengers;

        textBox2.Text = subtotal.ToString();

        tax = tax * noofpassengers;

        textBox3.Text = tax.ToString();

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();

    }

    //-----//

    else

        //-----Now Code Starts For Standard Ticket Return From Lahore To Peshawar &
        Peshawar to Lahore-----//

        if (radioButton1.Checked && radioButton5.Checked && (uservalue.ToString() == "Lahore" ||
        uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()
        == "Lahore"))

        {

            t1 = 3600;

            subtotal = t1 * noofpassengers;

            textBox2.Text = subtotal.ToString();

            tax = tax * noofpassengers;

            textBox3.Text = tax.ToString();

            total = subtotal + tax;

            textBox4.Text = total.ToString();

            textBox5.Text = t1.ToString();

        }

        //-----
        -----//

    else

```

```
//-----Now Code Starts For Standard Ticket Return From Lahore To Quetta &
Quetta to Lahore-----//
```

```
if (radioButton1.Checked && radioButton5.Checked && (uservalue.ToString() == "Lahore" ||
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==
"Lahore"))
```

```
{
```

```
    t1 = 6000;
```

```
    subtotal = t1 * noofpassengers;
```

```
    textBox2.Text = subtotal.ToString();
```

```
    tax = tax * noofpassengers;
```

```
    textBox3.Text = tax.ToString();
```

```
    total = subtotal + tax;
```

```
    textBox4.Text = total.ToString();
```

```
    textBox5.Text = t1.ToString();
```

```
}
```

```
//-----
-----//
```

```
else
```

```
//-----Now Code Starts For Standard Ticket one way From Islamabad To
Peshawar & Peshawar to Islamabad-----//
```

```
if (radioButton1.Checked && radioButton4.Checked && (uservalue.ToString() == "Islamabad" ||
uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()
== "Islamabad"))
```

```
{
```

```
    t1 = 1200;
```

```
    subtotal = t1 * noofpassengers;
```

```
    textBox2.Text = subtotal.ToString();
```

```
    tax = tax * noofpassengers;
```

```
    textBox3.Text = tax.ToString();
```

```

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();
    }

    //-----
    -----//

    else

        //-----Now Code Starts For Standard Ticket one way From Islamabad To
        Quetta & Quetta to Islamabad -----//

        if (radioButton1.Checked && radioButton4.Checked && (uservalue.ToString() == "Islamabad" ||
        uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==
        "Islamabad"))

        {

            t1 = 2700;

            subtotal = t1 * noofpassengers;

            textBox2.Text = subtotal.ToString();

            tax = tax * noofpassengers;

            textBox3.Text = tax.ToString();

            total = subtotal + tax;

            textBox4.Text = total.ToString();

            textBox5.Text = t1.ToString();

        }

        //-----
        -----//

    else

        //-----Now Code Starts For Standard Ticket Return From Islamabad To Peshawar
        & Peshawar to Islamabad-----//

        if (radioButton1.Checked && radioButton5.Checked && (uservalue.ToString() == "Islamabad" ||
        uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()
        == "Islamabad"))

```

```

{
    t1 = 2400;

    subtotal = t1 * noofpassengers;

    textBox2.Text = subtotal.ToString();

    tax = tax * noofpassengers;

    textBox3.Text = tax.ToString();

    total = subtotal + tax;

    textBox4.Text = total.ToString();

    textBox5.Text = t1.ToString();
}

//-----//

else

    //-----Now Code Starts For Standard Ticket Return From Islamabad To Quetta &
    Quetta to Islamabad-----//

    if (radioButton1.Checked && radioButton5.Checked && (uservalue.ToString() == "Islamabad" ||
    uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==
    "Islamabad"))

    {
        t1 = 5400;

        subtotal = t1 * noofpassengers;

        textBox2.Text = subtotal.ToString();

        tax = tax * noofpassengers;

        textBox3.Text = tax.ToString();

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();
    }

    //-----//

```

```
//-----Code Starts For Standard Ticket Peshawar to Quetta and Quetta to Peshawar one way-----
```

```
else
```

```
if (radioButton1.Checked && radioButton4.Checked && (uservalue.ToString() == "Peshawar" ||  
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==  
"Peshawar"))
```

```
{
```

```
    t1 = 1900;
```

```
    subtotal = t1 * noofpassengers;
```

```
    textBox2.Text = subtotal.ToString();
```

```
    tax = tax * noofpassengers;
```

```
    textBox3.Text = tax.ToString();
```

```
    total = subtotal + tax;
```

```
    textBox4.Text = total.ToString();
```

```
    textBox5.Text = t1.ToString();
```

```
}
```

```
//-----  
---//
```

```
//-----Code Starts For Standard Ticket Peshawar to Quetta and Quetta to Peshawar two way-----//
```

```
else
```

```
if (radioButton1.Checked && radioButton5.Checked && (uservalue.ToString() == "Peshawar" ||  
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==  
"Peshawar"))
```

```
{
```

```
    t1 = 3800;
```

```
    subtotal = t1 * noofpassengers;
```

```
    textBox2.Text = subtotal.ToString();
```

```
    tax = tax * noofpassengers;
```

```

        textBox3.Text = tax.ToString();

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();
    }

//-----
-----//

//-----Now Code
Starts For Economy Class Ticket-----//

else

//-----This code for Economy ticket one way from Karachi To Lahore &
Lahore to Karachi-----

    if (radioButton2.Checked && radioButton4.Checked && (uservalue.ToString() == "Karachi" ||
uservalue.ToString() == "Lahore") && (uservalue1.ToString() == "Lahore" || uservalue1.ToString() ==
"Karachi"))
    {
        t1 = 1200;

        subtotal = t1 * noofpassengers;

        textBox2.Text = subtotal.ToString();

        tax = tax * noofpassengers;

        textBox3.Text = tax.ToString();

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();
    }

//-----
-----//

```

```
//-----This code for Economy ticket one way from Karachi To Islamabad & Islamabad to Karachi-----
```

```
else
```

```
if (radioButton2.Checked && radioButton4.Checked && (uservalue.ToString() == "Karachi" ||  
uservalue.ToString() == "Islamabad") && (uservalue1.ToString() == "Islamabad" || uservalue1.ToString()  
== "Karachi"))
```

```
{
```

```
    t1 = 1300;
```

```
    subtotal = t1 * noofpassengers;
```

```
    textBox2.Text = subtotal.ToString();
```

```
    tax = tax * noofpassengers;
```

```
    textBox3.Text = tax.ToString();
```

```
    total = subtotal + tax;
```

```
    textBox4.Text = total.ToString();
```

```
    textBox5.Text = t1.ToString();
```

```
}
```

```
//-----  
-----//
```

```
//-----This code for Economy ticket one way from Karachi To Peshawar & Peshawar to Karachi-----
```

```
else
```

```
if (radioButton2.Checked && radioButton4.Checked && (uservalue.ToString() == "Karachi" ||  
uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()  
== "Karachi"))
```

```
{
```

```
    t1 = 1500;
```

```
    subtotal = t1 * noofpassengers;
```

```
    textBox2.Text = subtotal.ToString();
```

```
    tax = tax * noofpassengers;
```

```

        textBox3.Text = tax.ToString();

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();
    }

    //-----
-----//

    //-----This code for Economy ticket one way from Karachi To Quetta &
    Quetta to Karachi-----

    else

        if (radioButton2.Checked && radioButton4.Checked && (uservalue.ToString() == "Karachi" ||
        uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==
        "Karachi"))

        {

            t1 = 700;

            subtotal = t1 * noofpassengers;

            textBox2.Text = subtotal.ToString();

            tax = tax * noofpassengers;

            textBox3.Text = tax.ToString();

            total = subtotal + tax;

            textBox4.Text = total.ToString();

            textBox5.Text = t1.ToString();

        }

        //-----
-----//

    //-----This code for Economy Return ticket from Karachi To Lahore & Lahore
    to Karachi-----

    else

```



```
        if (radioButton2.Checked && radioButton5.Checked && (uservalue.ToString() == "Karachi" ||  
uservalue.ToString() == "Lahore") && (uservalue1.ToString() == "Lahore" || uservalue1.ToString() ==  
"Karachi"))
```

```
    {  
        t1 = 2400;  
        subtotal = t1 * noofpassengers;  
        textBox2.Text = subtotal.ToString();  
        tax = tax * noofpassengers;  
        textBox3.Text = tax.ToString();  
        total = subtotal + tax;  
        textBox4.Text = total.ToString();  
        textBox5.Text = t1.ToString();  
    }
```

```
    //-----  
-----//
```

```
    //-----This code for Economy Return ticket from Karachi To Islamabad &  
Islamabad to Karachi-----
```

```
    else
```

```
        if (radioButton2.Checked && radioButton5.Checked && (uservalue.ToString() == "Karachi" ||  
uservalue.ToString() == "Islamabad") && (uservalue1.ToString() == "Islamabad" || uservalue1.ToString()  
== "Karachi"))
```

```
    {  
        t1 = 2600;  
        subtotal = t1 * noofpassengers;  
        textBox2.Text = subtotal.ToString();  
        tax = tax * noofpassengers;  
        textBox3.Text = tax.ToString();  
        total = subtotal + tax;  
        textBox4.Text = total.ToString();  
        textBox5.Text = t1.ToString();  
    }
```

```

    }

    //-----//

    //-----This code for Economy Return ticket from Karachi To Peshawar &
    Peshawar to Karachi-----

    else

        if (radioButton2.Checked && radioButton5.Checked && (uservalue.ToString() == "Karachi" ||
        uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()
        == "Karachi"))

        {

            t1 = 3000;

            subtotal = t1 * noofpassengers;

            textBox2.Text = subtotal.ToString();

            tax = tax * noofpassengers;

            textBox3.Text = tax.ToString();

            total = subtotal + tax;

            textBox4.Text = total.ToString();

            textBox5.Text = t1.ToString();

        }

    //-----//

    //-----This code for Economy Return ticket from Karachi To Quetta & Quetta
    to Karachi-----

    else

        if (radioButton2.Checked && radioButton5.Checked && (uservalue.ToString() == "Karachi" ||
        uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==
        "Karachi"))

        {

            t1 = 1400;

            subtotal = t1 * noofpassengers;

            textBox2.Text = subtotal.ToString();

```

```

        tax = tax * noofpassengers;

        textBox3.Text = tax.ToString();

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();

    }

    //-----//

    //-----Now Code Start For Economy ticket one way From Lahore to
    Islamabad and Islamabad to Lahore.-----

    else

        if (radioButton2.Checked && radioButton4.Checked && (uservalue.ToString() == "Lahore" ||
        uservalue.ToString() == "Islamabad") && (uservalue1.ToString() == "Islamabad" || uservalue1.ToString()
        == "Lahore"))

        {

            t1 = 600;

            subtotal = t1 * noofpassengers;

            textBox2.Text = subtotal.ToString();

            tax = tax * noofpassengers;

            textBox3.Text = tax.ToString();

            total = subtotal + tax;

            textBox4.Text = total.ToString();

            textBox5.Text = t1.ToString();

        }

        //-----//

    else

        //-----Now Code starts for Economy ticket one way from Lahore to Peshawar &
        Peshawar to Lahore-----//

```

```
        if (radioButton2.Checked && radioButton4.Checked && (uservalue.ToString() == "Lahore" ||  
uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()  
== "Lahore"))
```

```
    {  
        t1 = 700;  
        subtotal = t1 * noofpassengers;  
        textBox2.Text = subtotal.ToString();  
        tax = tax * noofpassengers;  
        textBox3.Text = tax.ToString();  
        total = subtotal + tax;  
        textBox4.Text = total.ToString();  
        textBox5.Text = t1.ToString();  
    }
```

```
    //-----  
-----//
```

```
    else
```

```
        //-----Now Code starts for Economy Ticket one way from Lahore to Quetta & Quetta  
to Lahore-----//
```

```
        if (radioButton2.Checked && radioButton4.Checked && (uservalue.ToString() == "Lahore" ||  
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==  
"Lahore"))
```

```
    {  
        t1 = 1100;  
        subtotal = t1 * noofpassengers;  
        textBox2.Text = subtotal.ToString();  
        tax = tax * noofpassengers;  
        textBox3.Text = tax.ToString();  
        total = subtotal + tax;  
        textBox4.Text = total.ToString();  
        textBox5.Text = t1.ToString();  
    }
```

```

    }

    //-----//

    else

        //-----Now Code Starts For Economy Ticket Return From Lahore To Islamabad &
        Islamabad to Lahore-----//

        if (radioButton2.Checked && radioButton5.Checked && (uservalue.ToString() == "Lahore" ||
        uservalue.ToString() == "Islamabad") && (uservalue1.ToString() == "Islamabad" || uservalue1.ToString()
        == "Lahore"))

        {

            t1 = 1200;

            subtotal = t1 * noofpassengers;

            textBox2.Text = subtotal.ToString();

            tax = tax * noofpassengers;

            textBox3.Text = tax.ToString();

            total = subtotal + tax;

            textBox4.Text = total.ToString();

            textBox5.Text = t1.ToString();

        }

        //-----//

    else

        //-----Now Code Starts For Economy Ticket Return From Lahore To Peshawar &
        Peshawar to Lahore-----//

        if (radioButton2.Checked && radioButton5.Checked && (uservalue.ToString() == "Lahore" ||
        uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()
        == "Lahore"))

        {

            t1 = 1400;

            subtotal = t1 * noofpassengers;

            textBox2.Text = subtotal.ToString();

```

```

        tax = tax * noofpassengers;

        textBox3.Text = tax.ToString();

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();
    }

    //-----//
-----//

    else

        //-----Now Code Starts For Economy Ticket Return From Lahore To Quetta &
        Quetta to Lahore-----//

        if (radioButton2.Checked && radioButton5.Checked && (uservalue.ToString() == "Lahore" ||
        uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==
        "Lahore"))

        {

            t1 = 2200;

            subtotal = t1 * noofpassengers;

            textBox2.Text = subtotal.ToString();

            tax = tax * noofpassengers;

            textBox3.Text = tax.ToString();

            total = subtotal + tax;

            textBox4.Text = total.ToString();

            textBox5.Text = t1.ToString();

        }

        //-----//
-----//

    else

        //-----Now Code Starts For Economy Ticket one way From Islamabad
        To Peshawar & Peshawar to Islamabad-----//

```

```
if (radioButton2.Checked && radioButton4.Checked && (uservalue.ToString() == "Islamabad" ||  
uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()  
== "Islamabad"))
```

```
{  
    t1 = 400;  
    subtotal = t1 * noofpassengers;  
    textBox2.Text = subtotal.ToString();  
    tax = tax * noofpassengers;  
    textBox3.Text = tax.ToString();  
    total = subtotal + tax;  
    textBox4.Text = total.ToString();  
    textBox5.Text = t1.ToString();  
}
```

```
//-----  
-----//
```

```
else
```

```
//-----Now Code Starts For Economy Ticket one way From Islamabad To  
Quetta & Quetta to Islamabad-----//
```

```
if (radioButton2.Checked && radioButton4.Checked && (uservalue.ToString() == "Islamabad" ||  
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==  
"Islamabad"))
```

```
{  
    t1 = 1000;  
    subtotal = t1 * noofpassengers;  
    textBox2.Text = subtotal.ToString();  
    tax = tax * noofpassengers;  
    textBox3.Text = tax.ToString();  
    total = subtotal + tax;  
    textBox4.Text = total.ToString();  
    textBox5.Text = t1.ToString();
```

```

    }

    //-----//

else

    //-----Now Code Starts For Economy Ticket Return From Islamabad To
    Peshawar & Peshawar to Islamabad-----//

    if (radioButton2.Checked && radioButton5.Checked && (uservalue.ToString() == "Islamabad" ||
    uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()
    == "Islamabad"))

    {

        t1 = 800;

        subtotal = t1 * noofpassengers;

        textBox2.Text = subtotal.ToString();

        tax = tax * noofpassengers;

        textBox3.Text = tax.ToString();

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();

    }

    //-----//

else

    //-----Now Code Starts For Economy Ticket Return From Islamabad To Quetta &
    Quetta to Islamabad-----//

    if (radioButton2.Checked && radioButton5.Checked && (uservalue.ToString() == "Islamabad" ||
    uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==
    "Islamabad"))

    {

```



```

t1 = 2000;

subtotal = t1 * noofpassengers;

textBox2.Text = subtotal.ToString();

tax = tax * noofpassengers;

textBox3.Text = tax.ToString();

total = subtotal + tax;

textBox4.Text = total.ToString();

textBox5.Text = t1.ToString();
}

//-----//

//-----Code Starts For Economy Ticket Peshawar to Quetta and Quetta to
Peshawar one way-----

else

    if (radioButton2.Checked && radioButton4.Checked && (uservalue.ToString() == "Peshawar" ||
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==
"Peshawar"))

    {

        t1 = 800;

        subtotal = t1 * noofpassengers;

        textBox2.Text = subtotal.ToString();

        tax = tax * noofpassengers;

        textBox3.Text = tax.ToString();

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();

    }

//-----
---//

```

```
//-----Code Starts For Economy Ticket Peshawar to Quetta and Quetta to Peshawar two way-----//
```

```
else
```

```
if (radioButton2.Checked && radioButton5.Checked && (uservalue.ToString() == "Peshawar" ||  
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==  
"Peshawar"))
```

```
{
```

```
    t1 = 1600;
```

```
    subtotal = t1 * noofpassengers;
```

```
    textBox2.Text = subtotal.ToString();
```

```
    tax = tax * noofpassengers;
```

```
    textBox3.Text = tax.ToString();
```

```
    total = subtotal + tax;
```

```
    textBox4.Text = total.ToString();
```

```
    textBox5.Text = t1.ToString();
```

```
}
```

```
//-----  
-----Now Code Starts For First Class Ticket-----//
```

```
else
```

```
//-----This code for First Class ticket one way from Karachi To Lahore &  
Lahore to Karachi-----
```

```
if (radioButton3.Checked && radioButton4.Checked && (uservalue.ToString() == "Karachi" ||  
uservalue.ToString() == "Lahore") && (uservalue1.ToString() == "Lahore" || uservalue1.ToString() ==  
"Karachi"))
```

```
{
```

```
    t1 = 2800;
```

```
    subtotal = t1 * noofpassengers;
```

```
    textBox2.Text = subtotal.ToString();
```

```
    tax = tax * noofpassengers;
```

```

        textBox3.Text = tax.ToString();

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();
    }

    //-----
    -----//

    //-----This code for First Class ticket one way from Karachi To Islamabad &
    Islamabad to Karachi-----

    else

        if (radioButton3.Checked && radioButton4.Checked && (uservalue.ToString() == "Karachi" ||
        uservalue.ToString() == "Islamabad") && (uservalue1.ToString() == "Islamabad" || uservalue1.ToString()
        == "Karachi"))

        {

            t1 = 3200;

            subtotal = t1 * noofpassengers;

            textBox2.Text = subtotal.ToString();

            tax = tax * noofpassengers;

            textBox3.Text = tax.ToString();

            total = subtotal + tax;

            textBox4.Text = total.ToString();

            textBox5.Text = t1.ToString();

        }

        //-----
        -----//

        //-----This code for First Class ticket one way from Karachi To Peshawar &
        Peshawar to Karachi-----

        else

```

```
        if (radioButton3.Checked && radioButton4.Checked && (uservalue.ToString() == "Karachi" ||  
uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()  
== "Karachi"))
```

```
    {  
        t1 = 3600;  
        subtotal = t1 * noofpassengers;  
        textBox2.Text = subtotal.ToString();  
        tax = tax * noofpassengers;  
        textBox3.Text = tax.ToString();  
        total = subtotal + tax;  
        textBox4.Text = total.ToString();  
        textBox5.Text = t1.ToString();  
    }
```

```
    //-----  
-----//
```

```
    //-----This code for First Class ticket one way from Karachi To Quetta &  
Quetta to Karachi-----
```

```
    else
```

```
        if (radioButton3.Checked && radioButton4.Checked && (uservalue.ToString() == "Karachi" ||  
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==  
"Karachi"))
```

```
    {  
        t1 = 2100;  
        subtotal = t1 * noofpassengers;  
        textBox2.Text = subtotal.ToString();  
        tax = tax * noofpassengers;  
        textBox3.Text = tax.ToString();  
        total = subtotal + tax;  
        textBox4.Text = total.ToString();  
        textBox5.Text = t1.ToString();  
    }
```

```

    }

    //-----
    -----//

    //-----This code for First Class Return ticket from Karachi To Lahore & Lahore
    to Karachi-----

    else

        if (radioButton3.Checked && radioButton5.Checked && (uservalue.ToString() == "Karachi" ||
        uservalue.ToString() == "Lahore") && (uservalue1.ToString() == "Lahore" || uservalue1.ToString() ==
        "Karachi"))

        {

            t1 = 5600;

            subtotal = t1 * noofpassengers;

            textBox2.Text = subtotal.ToString();

            tax = tax * noofpassengers;

            textBox3.Text = tax.ToString();

            total = subtotal + tax;

            textBox4.Text = total.ToString();

            textBox5.Text = t1.ToString();

        }

        //-----
        -----//

        //-----This code for First Class Return ticket from Karachi To Islamabad &
        Islamabad to Karachi-----

        else

            if (radioButton3.Checked && radioButton5.Checked && (uservalue.ToString() == "Karachi" ||
            uservalue.ToString() == "Islamabad") && (uservalue1.ToString() == "Islamabad" || uservalue1.ToString()
            == "Karachi"))

            {

                t1 = 6400;

                subtotal = t1 * noofpassengers;

```

```

        textBox2.Text = subtotal.ToString();

        tax = tax * noofpassengers;

        textBox3.Text = tax.ToString();

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();

    }

    //-----
-----//

    //-----This code for First Class Return ticket from Karachi To Peshawar &
Peshawar to Karachi-----

    else

        if (radioButton3.Checked && radioButton5.Checked && (uservalue.ToString() == "Karachi" ||
uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()
== "Karachi"))

        {

            t1 = 7200;

            subtotal = t1 * noofpassengers;

            textBox2.Text = subtotal.ToString();

            tax = tax * noofpassengers;

            textBox3.Text = tax.ToString();

            total = subtotal + tax;

            textBox4.Text = total.ToString();

            textBox5.Text = t1.ToString();

        }

        //-----
-----//

    //-----This code for First Class Return ticket from Karachi To Quetta & Quetta
to Karachi-----

    else

```

```
        if (radioButton3.Checked && radioButton5.Checked && (uservalue.ToString() == "Karachi" ||  
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==  
"Karachi"))
```

```
    {  
        t1 = 4200;  
        subtotal = t1 * noofpassengers;  
        textBox2.Text = subtotal.ToString();  
        tax = tax * noofpassengers;  
        textBox3.Text = tax.ToString();  
        total = subtotal + tax;  
        textBox4.Text = total.ToString();  
        textBox5.Text = t1.ToString();  
    }
```

```
    //-----  
-----//
```

```
    //-----Now Code Start For First Class ticket one way From Lahore to  
Islamabad and Islamabad to Lahore.-----
```

```
    else
```

```
        if (radioButton3.Checked && radioButton4.Checked && (uservalue.ToString() == "Lahore" ||  
uservalue.ToString() == "Islamabad") && (uservalue1.ToString() == "Islamabad" || uservalue1.ToString()  
== "Lahore"))
```

```
    {  
        t1 = 2000;  
        subtotal = t1 * noofpassengers;  
        textBox2.Text = subtotal.ToString();  
        tax = tax * noofpassengers;  
        textBox3.Text = tax.ToString();  
        total = subtotal + tax;  
        textBox4.Text = total.ToString();  
        textBox5.Text = t1.ToString();  
    }
```

```

//-----
-----//

else

//-----Now Code starts for First Class ticket one way from Lahore to Peshawar &
Peshawar to Lahore-----//

    if (radioButton3.Checked && radioButton4.Checked && (uservalue.ToString() == "Lahore" ||
uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()
== "Lahore"))

    {

        t1 = 2400;

        subtotal = t1 * noofpassengers;

        textBox2.Text = subtotal.ToString();

        tax = tax * noofpassengers;

        textBox3.Text = tax.ToString();

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();

    }

//-----
-----//

else

//-----Now Code starts for First Class Ticket one way from Lahore to Quetta & Quetta
to Lahore-----//

    if (radioButton3.Checked && radioButton4.Checked && (uservalue.ToString() == "Lahore" ||
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==
"Lahore"))

    {

        t1 = 3500;

        subtotal = t1 * noofpassengers;

        textBox2.Text = subtotal.ToString();

```



```

        tax = tax * noofpassengers;

        textBox3.Text = tax.ToString();

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();
    }

    //-----//

    else

        //-----Now Code Starts For First Class Ticket Return From Lahore To Islamabad &
        Islamabad to Lahore-----//

        if (radioButton3.Checked && radioButton5.Checked && (uservalue.ToString() == "Lahore" ||
        uservalue.ToString() == "Islamabad") && (uservalue1.ToString() == "Islamabad" || uservalue1.ToString()
        == "Lahore"))
        {
            t1 = 4000;

            subtotal = t1 * noofpassengers;

            textBox2.Text = subtotal.ToString();

            tax = tax * noofpassengers;

            textBox3.Text = tax.ToString();

            total = subtotal + tax;

            textBox4.Text = total.ToString();

            textBox5.Text = t1.ToString();
        }

        //-----//

        else

            //-----Now Code Starts For First Class Ticket Return From Lahore To Peshawar &
            Peshawar to Lahore-----//

```

```
        if (radioButton3.Checked && radioButton5.Checked && (uservalue.ToString() == "Lahore" ||  
uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()  
== "Lahore"))
```

```
    {  
        t1 = 4800;  
        subtotal = t1 * noofpassengers;  
        textBox2.Text = subtotal.ToString();  
        tax = tax * noofpassengers;  
        textBox3.Text = tax.ToString();  
        total = subtotal + tax;  
        textBox4.Text = total.ToString();  
        textBox5.Text = t1.ToString();  
    }
```

```
    //-----  
    -----//
```

```
    else
```

```
        //-----Now Code Starts For First Class Ticket Return From Lahore To Quetta &  
Quetta to Lahore-----//
```

```
        if (radioButton3.Checked && radioButton5.Checked && (uservalue.ToString() == "Lahore" ||  
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==  
"Lahore"))
```

```
    {  
        t1 = 7000;  
        subtotal = t1 * noofpassengers;  
        textBox2.Text = subtotal.ToString();  
        tax = tax * noofpassengers;  
        textBox3.Text = tax.ToString();  
        total = subtotal + tax;  
        textBox4.Text = total.ToString();  
        textBox5.Text = t1.ToString();  
    }
```

```

//-----
-----//

else

//-----Now Code Starts For First Class Ticket one way From Islamabad
To Peshawar & Peshawar to Islamabad-----//

if (radioButton3.Checked && radioButton4.Checked && (uservalue.ToString() == "Islamabad" ||
uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()
== "Islamabad"))

{

    t1 = 1800;

    subtotal = t1 * noofpassengers;

    textBox2.Text = subtotal.ToString();

    tax = tax * noofpassengers;

    textBox3.Text = tax.ToString();

    total = subtotal + tax;

    textBox4.Text = total.ToString();

    textBox5.Text = t1.ToString();

}

//-----
-----//

else

//-----Now Code Starts For First Class Ticket one way From Islamabad To
Quetta & Quetta to Islamabad-----//

if (radioButton3.Checked && radioButton4.Checked && (uservalue.ToString() == "Islamabad" ||
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==
"Islamabad"))

{

    t1 = 3300;

    subtotal = t1 * noofpassengers;

    textBox2.Text = subtotal.ToString();

    tax = tax * noofpassengers;

```

```

        textBox3.Text = tax.ToString();

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();
    }

    //-----
-----//

else

    //-----Now Code Starts For First Class Ticket Return From Islamabad To
Peshawar & Peshawar to Islamabad-----//

    if (radioButton3.Checked && radioButton5.Checked && (uservalue.ToString() == "Islamabad" ||
uservalue.ToString() == "Peshawar") && (uservalue1.ToString() == "Peshawar" || uservalue1.ToString()
== "Islamabad"))
    {
        t1 = 3600;

        subtotal = t1 * noofpassengers;

        textBox2.Text = subtotal.ToString();

        tax = tax * noofpassengers;

        textBox3.Text = tax.ToString();

        total = subtotal + tax;

        textBox4.Text = total.ToString();

        textBox5.Text = t1.ToString();
    }

    //-----//

else

    //-----Now Code Starts For First Class Ticket Return From Islamabad To Quetta &
Quetta to Islamabad-----//

```

```
        if (radioButton3.Checked && radioButton5.Checked && (uservalue.ToString() == "Islamabad" ||  
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==  
"Islamabad"))
```

```
    {  
        t1 = 6600;  
        subtotal = t1 * noofpassengers;  
        textBox2.Text = subtotal.ToString();  
        tax = tax * noofpassengers;  
        textBox3.Text = tax.ToString();  
        total = subtotal + tax;  
        textBox4.Text = total.ToString();  
        textBox5.Text = t1.ToString();  
    }
```

```
//-----//
```

```
//-----Code Starts For First Class Ticket Peshawar to Quetta and Quetta to  
Peshawar one way-----
```

```
    else
```

```
        if (radioButton3.Checked && radioButton4.Checked && (uservalue.ToString() == "Peshawar" ||  
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==  
"Peshawar"))
```

```
    {  
        t1 = 2500;  
        subtotal = t1 * noofpassengers;  
        textBox2.Text = subtotal.ToString();  
        tax = tax * noofpassengers;  
        textBox3.Text = tax.ToString();  
        total = subtotal + tax;  
        textBox4.Text = total.ToString();
```

```

        textBox5.Text = t1.ToString();
    }

    //-----
---//

    //-----Code Starts For First Class Ticket Peshawar to Quetta and Quetta to
Peshawar two way-----//

    else

        if (radioButton3.Checked && radioButton5.Checked && (uservalue.ToString() == "Peshawar" ||
uservalue.ToString() == "Quetta") && (uservalue1.ToString() == "Quetta" || uservalue1.ToString() ==
"Peshawar"))

        {

            t1 = 5000;

            subtotal = t1 * noofpassengers;

            textBox2.Text = subtotal.ToString();

            tax = tax * noofpassengers;

            textBox3.Text = tax.ToString();

            total = subtotal + tax;

            textBox4.Text = total.ToString();

            textBox5.Text = t1.ToString();

        }

    }

private void button3_Click(object sender, EventArgs e)
{
    textBox1.Clear();

    textBox2.Clear();

    textBox3.Clear();

```

```
textBox4.Clear();
textBox5.Clear();
if (radioButton1.Checked)
{
    radioButton1.Checked = false;
}
else if (radioButton2.Checked)
{
    radioButton2.Checked = false;
}
else if (radioButton3.Checked)
{
    radioButton3.Checked = false;
}
if (radioButton4.Checked)
{
    radioButton4.Checked = false;
}
else if (radioButton5.Checked)
{
    radioButton5.Checked = false;
}
comboBox1.Text = "";
comboBox2.Text = "";
}
```

```
private void button4_Click(object sender, EventArgs e)
{
    this.Close();
}
```

```
}
```

```
private void groupBox1_Enter(object sender, EventArgs e)
```

```
{
```

```
}
```

```
private void groupBox2_Enter(object sender, EventArgs e)
```

```
{
```

```
}
```

```
private void groupBox3_Enter(object sender, EventArgs e)
```

```
{
```

```
}
```

```
public static string SetValueForText1 = "";
```

```
public static string SetValueForText2 = "";
```

```
public static string SetValueForText3 = "";
```

```
public static string SetValueForText4 = "";
```

```
public static string SetValueForText5 = "";
```

```
public static string SetValueForText6 = "";
```

```
public static string SetValueForText7 = "";
```

```
public static string SetValueForText8 = "";
```

```
public static string SetValueForText9 = "";
```

```
private void Form2_Load(object sender, EventArgs e)
```

```
{
```

```
    radioButton1.Checked = false;
```



```
}  
  
}  
  
}
```

FORM2.CS[DESIGN]:

Form2

TRAIN TICKETING SYSTEM

CLASS

☐ STANDARD

☐ ECONOMY

☐ FIRST CLASS

TICKET TYPE

☐ SINGLE

☐ RETURN

SELECT THE DESTINATION

FROM

TO

TICKET PRICE

ENTER NO.OF PASSENGERS

SUBTOTAL

TAX

TOTAL

TOTAL **BOOK TICKET** **RESET** **EXIT**

FORM3.CS:

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Text;
using System.Windows.Forms;

namespace WinFormsApp10
{
    public partial class Form3 : Form
    {
        public Form3()
        {
            InitializeComponent();

            private void textBox2_TextChanged(object sender, EventArgs e)
            {
            }

            public static string SetValueForText9;
            private void textBox1_TextChanged(object sender, EventArgs e)
            {
                SetValueForText9 = textBox1.Text;
            }

            private void textBox5_TextChanged(object sender, EventArgs e)
            {
                textBox5.PasswordChar = '*';
                SetValueForText11 = textBox5.Text;
            }

            private void button1_Click(object sender, EventArgs e)
            {
                Form1 frm1 = new Form1();
                if (textBox1 == null || textBox2 == null || textBox3 == null || textBox4 ==
null || textBox5 == null || radioButton1.Checked == false && radioButton2.Checked ==
false)
                {
                    MessageBox.Show("Fill all the entries", "ERROR",
MessageBoxButtons.OKCancel, MessageBoxIcon.Error);
                    frm1.Hide();
                }
                else
                {
                    frm1.Show();
                }
            }

            private void textBox4_TextChanged(object sender, EventArgs e)
            {
                SetValueForText10 = textBox4.Text;
            }
        }
    }
}
```

```

        public static string SetValueForText10 = "";
        public static string SetValueForText11 = "";
    }
}

```

FORM3.CS[DESIGN]:

The screenshot shows a Windows application window titled "Form3". Inside the window is a registration form with a background image of a train station. The form contains the following elements:

- REGISTRATION FORM**: A title label at the top center.
- FIRSTNAME**: A text label followed by a text input field.
- LASTNAME**: A text label followed by a text input field.
- USERNAME**: A text label followed by a text input field.
- EMAIL**: A text label followed by a text input field.
- PASSWORD**: A text label followed by a text input field.
- GENDER**: A text label followed by two radio button options: **MALE** and **FEMALE**.
- SUBMIT**: A button at the bottom center.

A "groupBox" is visible on the left side of the form, enclosing the EMAIL, PASSWORD, and GENDER fields.

FORM4.CS:

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Text;
using System.Windows.Forms;

namespace WinFormsApp10
{
    public partial class Form4 : Form
    {
        public Form4()
        {
            InitializeComponent();

            private void Form4_Load(object sender, EventArgs e)
            {
                textBox1.Text = Form3.SetValueForText9;

                textBox2.Text = Form2.SetValueForText3;
                textBox2.Text = Form2.SetValueForText4;
                textBox2.Text = Form2.SetValueForText5;

                textBox3.Text = Form2.SetValueForText5;
                textBox3.Text = Form2.SetValueForText6;

                textBox4.Text = Form2.SetValueForText1;
                textBox5.Text = Form2.SetValueForText2;

            }

            private void button1_Click(object sender, EventArgs e)
            {
                MessageBox.Show("Your ticket has been successfully booked", "INFORMATION",
                MessageBoxButtons.OKCancel, MessageBoxIcon.Information);

            }

            private void button2_Click(object sender, EventArgs e)
            {
                Form2 frm2 = new Form2();
                frm2.ShowDialog();

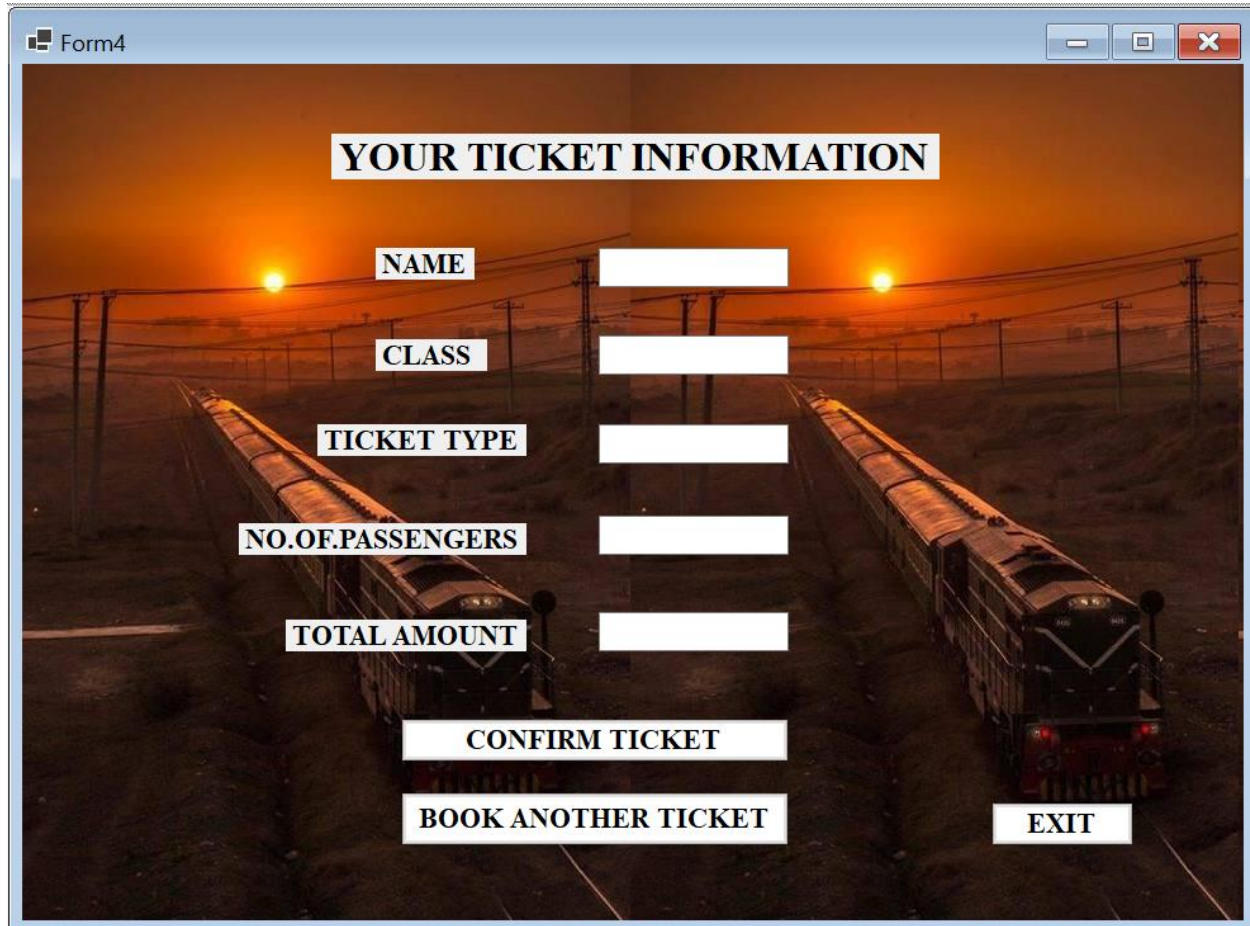
            }

            private void button3_Click(object sender, EventArgs e)
            {
                this.Close();

            }

        }
    }
}
```

FORM4.CS[DESIGN]:



The image shows a Windows application window titled "Form4". The background of the form is a photograph of two passenger trains on tracks at dusk or dawn, with orange lights visible in the distance. The form contains the following elements:

- YOUR TICKET INFORMATION**: A title label at the top center.
- NAME**: A text label followed by a white rectangular input field.
- CLASS**: A text label followed by a white rectangular input field.
- TICKET TYPE**: A text label followed by a white rectangular input field.
- NO.OF.PASSENGERS**: A text label followed by a white rectangular input field.
- TOTAL AMOUNT**: A text label followed by a white rectangular input field.
- CONFIRM TICKET**: A button with a white background and black text.
- BOOK ANOTHER TICKET**: A button with a white background and black text.
- EXIT**: A button with a white background and black text, located to the right of the "BOOK ANOTHER TICKET" button.

METHODOLOGY:

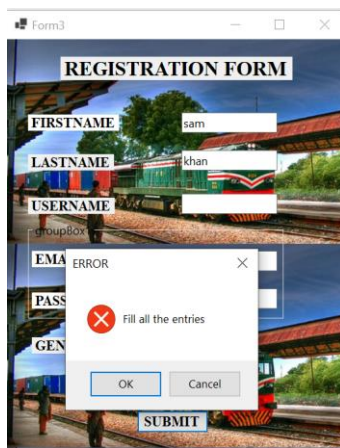
If user tries to login without registering:



If user enters incorrect id and password:



If users click submit before filling all the entries in registration form:



If user book ticket without filling all the entries:

The screenshot shows the 'TRAIN TICKETING SYSTEM' interface. The 'CLASS' section has radio buttons for 'STANDARD', 'ECONOMY', and 'FIRST CLASS'. The 'TICKET TYPE' section has radio buttons for 'SINGLE' and 'RETURN'. The 'SELECT THE DESTINATION' section has 'FROM' and 'TO' dropdown menus, both currently showing 'Karachi'. Below these are input fields for 'TICKET PRICE', 'ENTER NO.OF PASSENGERS', 'SUBTOTAL', 'TAX', and 'TOTAL'. At the bottom are buttons for 'TOTAL', 'BOOK TICKET', 'RESET', and 'EXIT'. An 'ERROR' dialog box is displayed in the center, containing a red 'X' icon and the text 'Fill all the entries', with 'OK' and 'Cancel' buttons.

If user selects same destination:

The screenshot shows the 'TRAIN TICKETING SYSTEM' interface. The 'CLASS' section has radio buttons for 'STANDARD', 'ECONOMY', and 'FIRST CLASS'. The 'TICKET TYPE' section has radio buttons for 'SINGLE' and 'RETURN'. The 'SELECT THE DESTINATION' section has 'FROM' and 'TO' dropdown menus, both currently showing 'Karachi'. Below these are input fields for 'TICKET PRICE', 'ENTER NO.OF PASSENGERS', 'SUBTOTAL', 'TAX', and 'TOTAL'. At the bottom are buttons for 'TOTAL', 'BOOK TICKET', 'RESET', and 'EXIT'. An 'ERROR' dialog box is displayed in the center, containing a red 'X' icon and the text 'Select proper destination', with 'OK' and 'Cancel' buttons.

If user clicks on reset everything will be back to default:

The screenshot shows the 'TRAIN TICKETING SYSTEM' interface after clicking the 'RESET' button. The 'CLASS' section has radio buttons for 'STANDARD', 'ECONOMY', and 'FIRST CLASS'. The 'TICKET TYPE' section has radio buttons for 'SINGLE' and 'RETURN'. The 'SELECT THE DESTINATION' section has 'FROM' and 'TO' dropdown menus, both currently empty. Below these are input fields for 'TICKET PRICE', 'ENTER NO.OF PASSENGERS', 'SUBTOTAL', 'TAX', and 'TOTAL'. At the bottom are buttons for 'TOTAL', 'BOOK TICKET', 'RESET', and 'EXIT'.

Booking ticket for standard one way from Karachi to Lahore:

Form2

TRAIN TICKETING SYSTEM

CLASS

☐ STANDARD

☒ ECONOMY

☐ FIRST CLASS

TICKET TYPE

☐ SINGLE

☒ RETURN

SELECT THE DESTINATION

FROM

Karachi

TO

Lahore

TICKET PRICE

2000

ENTER NO.OF PASSENGERS

1

SUBTOTAL

2000

TAX

500

TOTAL

2500

TOTAL BOOK TICKET RESET EXIT

Form4

YOUR TICKET INFORMATION

NAME

CLASS

STANDARD

TICKET TYPE

SINGLE

NO.OF.PASSENGERS

3

TOTAL AMOUNT

7500

CONFIRM TICKET

BOOK ANOTHER TICKET

EXIT

Form4

YOUR TICKET INFORMATION

NAME

sam

CLASS

FIRST CLASS

TICKET TYPE

SINGLE

NO.OF.PASSENGERS

1

TOTAL AMOUNT

2500

CONFIRM TICKET

BOOK ANOTHER TICKET

EXIT

INFORMATION

Your ticket has been successfully booked

OK Cancel

Booking return ticket of economy from Islamabad to Peshawar:

Form2

TRAIN TICKETING SYSTEM

CLASS

☐ STANDARD

☒ ECONOMY

☐ FIRST CLASS

TICKET TYPE

☐ SINGLE

☒ RETURN

SELECT THE DESTINATION

FROM

Islamabad

TO

Peshawar

TICKET PRICE

800

ENTER NO.OF PASSENGERS

4

SUBTOTAL

3200

TAX

2000

TOTAL

5200

TOTAL **BOOK TICKET** **RESET** **EXIT**

Form4

YOUR TICKET INFORMATION

NAME

samkhan

CLASS

ECONOMY

TICKET TYPE

RETURN

NO.OF.PASSENGERS

3

TOTAL AMOUNT

3900

CONFIRM TICKET

BOOK ANOTHER TICKET

EXIT

BOOKING RETURN TICKET OF FIRST CLASS FROM LAHORE TO PESHAWAR:

Form4

YOUR TICKET INFORMATION

NAME	samkhan
CLASS	FIRST CLASS
TICKET TYPE	RETURN
NO.OF.PASSENGERS	3
TOTAL AMOUNT	15900
CONFIRM TICKET	
BOOK ANOTHER TICKET	EXIT

