PRG521 Summitive

\* Laikin Barnard 6955 \*

2021

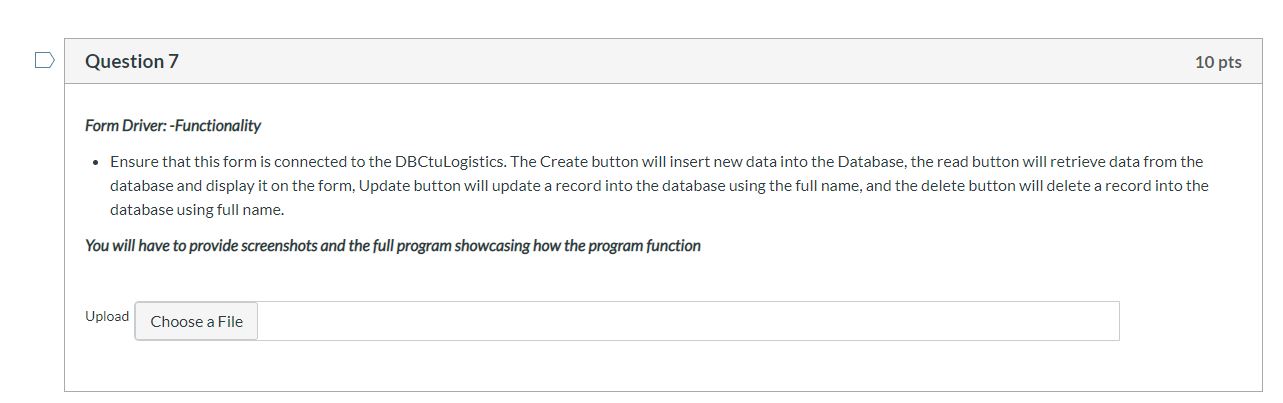
Contents

[Question 7: 2](#_Toc71540285)

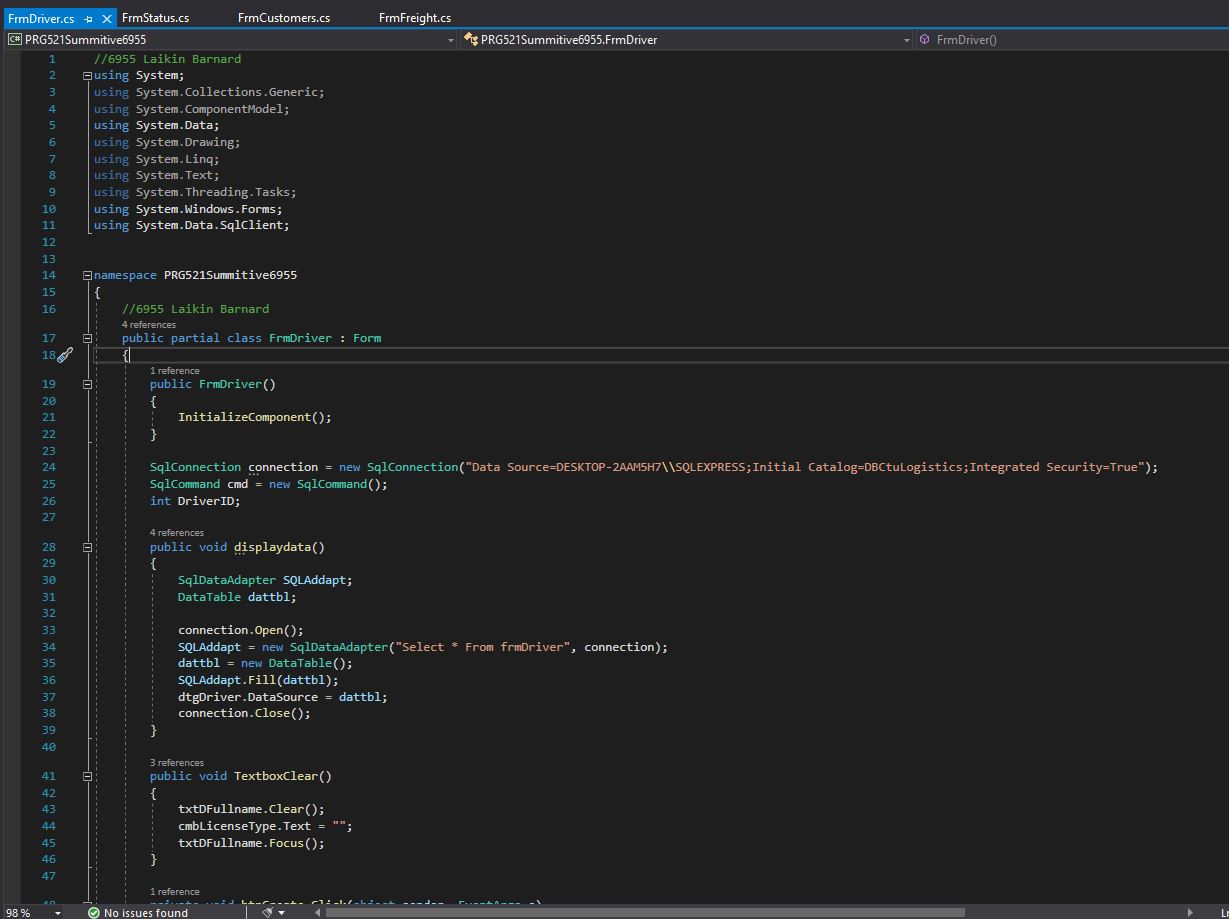
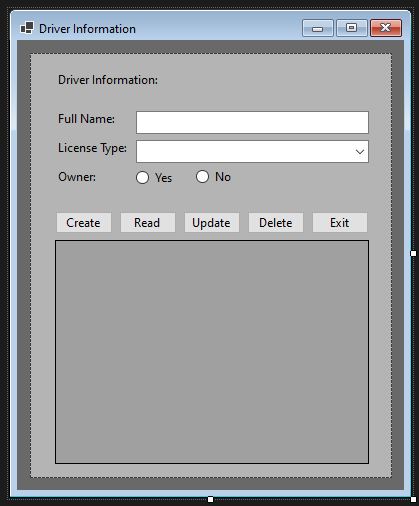
[Screen shots: 3](#_Toc71540286)

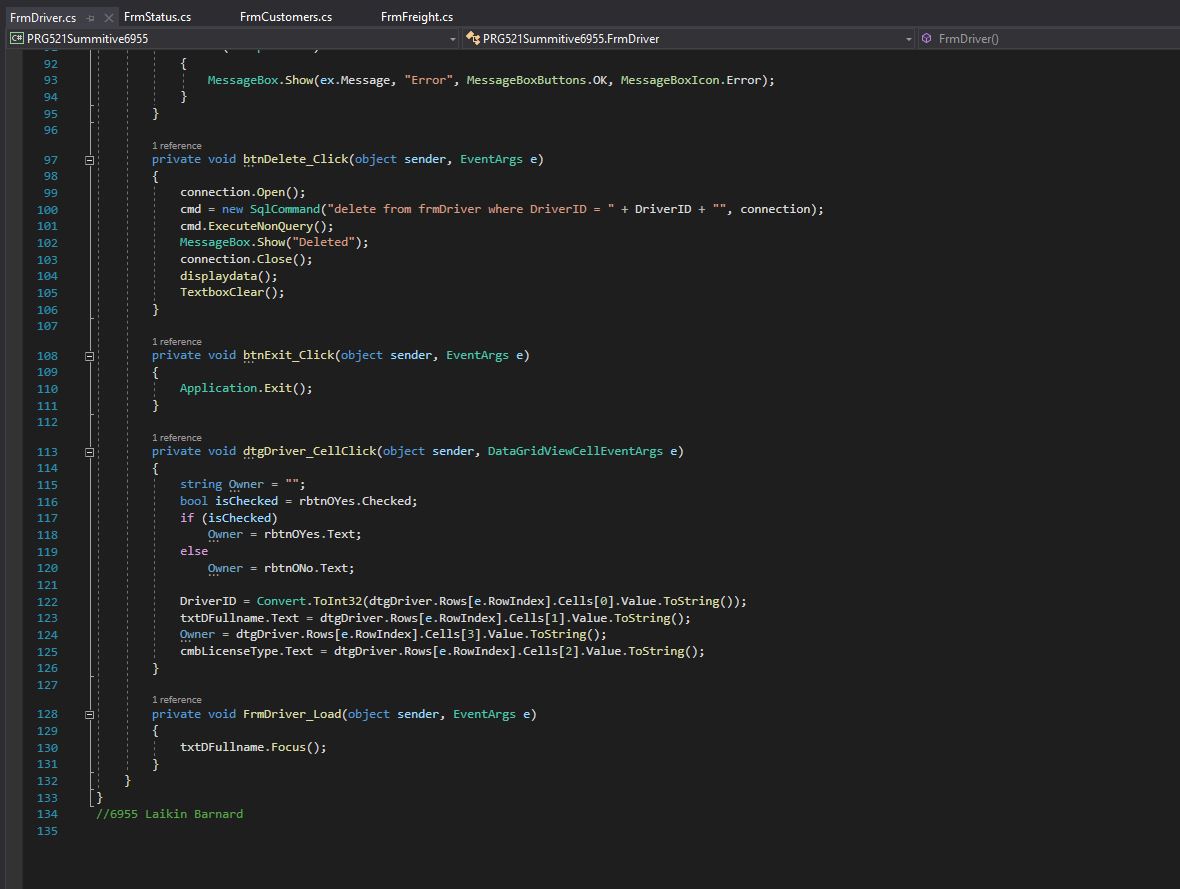
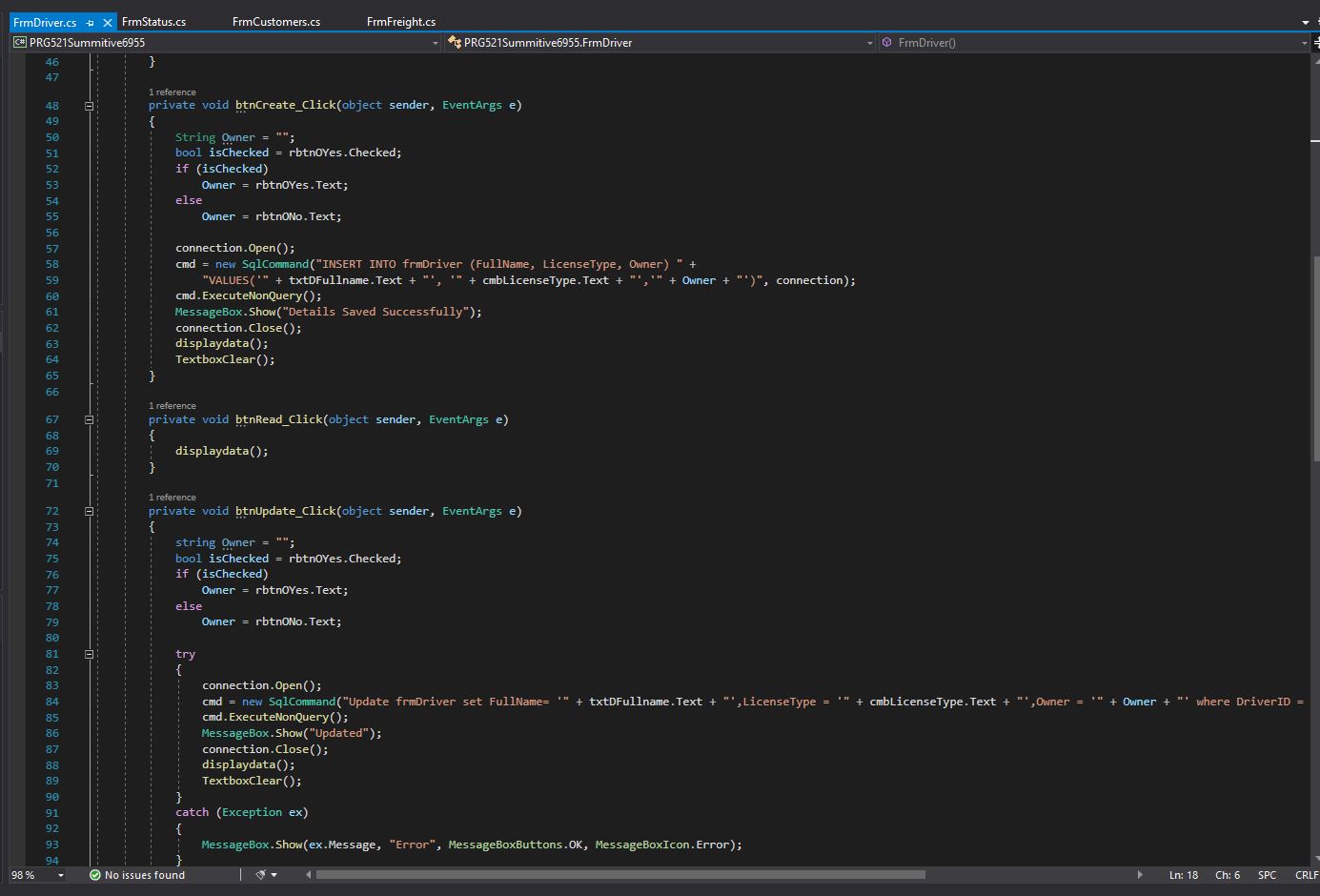
[Code: 5](#_Toc71540287)

# Question 7:



## Screen shots:





## Code:

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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;

using System.Data.SqlClient;

namespace PRG521Summitive6955

{

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public partial class FrmDriver : Form

{

public FrmDriver()

{

InitializeComponent();

}

SqlConnection connection = new SqlConnection("Data Source=DESKTOP-2AAM5H7\\SQLEXPRESS;Initial Catalog=DBCtuLogistics;Integrated Security=True");

SqlCommand cmd = new SqlCommand();

int DriverID;

public void displaydata()

{

SqlDataAdapter SQLAddapt;

DataTable dattbl;

connection.Open();

SQLAddapt = new SqlDataAdapter("Select \* From frmDriver", connection);

dattbl = new DataTable();

SQLAddapt.Fill(dattbl);

dtgDriver.DataSource = dattbl;

connection.Close();

}

public void TextboxClear()

{

txtDFullname.Clear();

cmbLicenseType.Text = "";

txtDFullname.Focus();

}

private void btnCreate\_Click(object sender, EventArgs e)

{

String Owner = "";

bool isChecked = rbtnOYes.Checked;

if (isChecked)

Owner = rbtnOYes.Text;

else

Owner = rbtnONo.Text;

connection.Open();

cmd = new SqlCommand("INSERT INTO frmDriver (FullName, LicenseType, Owner) " +

"VALUES('" + txtDFullname.Text + "', '" + cmbLicenseType.Text + "','" + Owner + "')", connection);

cmd.ExecuteNonQuery();

MessageBox.Show("Details Saved Successfully");

connection.Close();

displaydata();

TextboxClear();

}

private void btnRead\_Click(object sender, EventArgs e)

{

displaydata();

}

private void btnUpdate\_Click(object sender, EventArgs e)

{

string Owner = "";

bool isChecked = rbtnOYes.Checked;

if (isChecked)

Owner = rbtnOYes.Text;

else

Owner = rbtnONo.Text;

try

{

connection.Open();

cmd = new SqlCommand("Update frmDriver set FullName= '" + txtDFullname.Text + "',LicenseType = '" + cmbLicenseType.Text + "',Owner = '" + Owner + "' where DriverID = '" + DriverID + "'", connection);

cmd.ExecuteNonQuery();

MessageBox.Show("Updated");

connection.Close();

displaydata();

TextboxClear();

}

catch (Exception ex)

{

MessageBox.Show(ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

private void btnDelete\_Click(object sender, EventArgs e)

{

connection.Open();

cmd = new SqlCommand("delete from frmDriver where DriverID = " + DriverID + "", connection);

cmd.ExecuteNonQuery();

MessageBox.Show("Deleted");

connection.Close();

displaydata();

TextboxClear();

}

private void btnExit\_Click(object sender, EventArgs e)

{

Application.Exit();

}

private void dtgDriver\_CellClick(object sender, DataGridViewCellEventArgs e)

{

string Owner = "";

bool isChecked = rbtnOYes.Checked;

if (isChecked)

Owner = rbtnOYes.Text;

else

Owner = rbtnONo.Text;

DriverID = Convert.ToInt32(dtgDriver.Rows[e.RowIndex].Cells[0].Value.ToString());

txtDFullname.Text = dtgDriver.Rows[e.RowIndex].Cells[1].Value.ToString();

Owner = dtgDriver.Rows[e.RowIndex].Cells[3].Value.ToString();

cmbLicenseType.Text = dtgDriver.Rows[e.RowIndex].Cells[2].Value.ToString();

}

private void FrmDriver\_Load(object sender, EventArgs e)

{

txtDFullname.Focus();

}

}

}

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Results:

