PRG521 Summitive

\* Laikin Barnard 6955 \*

2021

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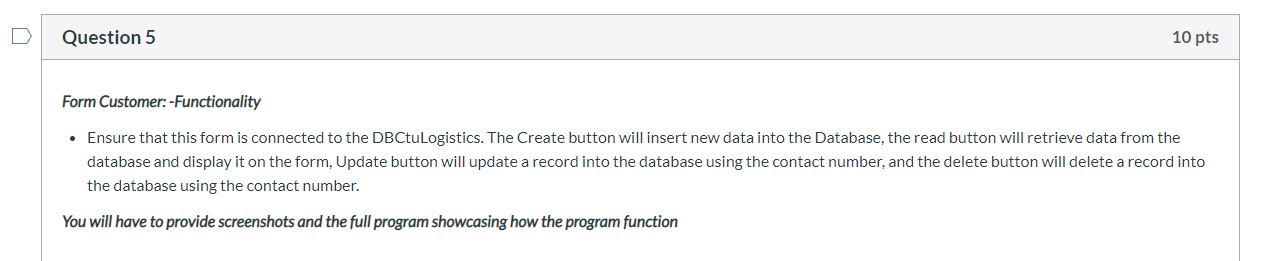
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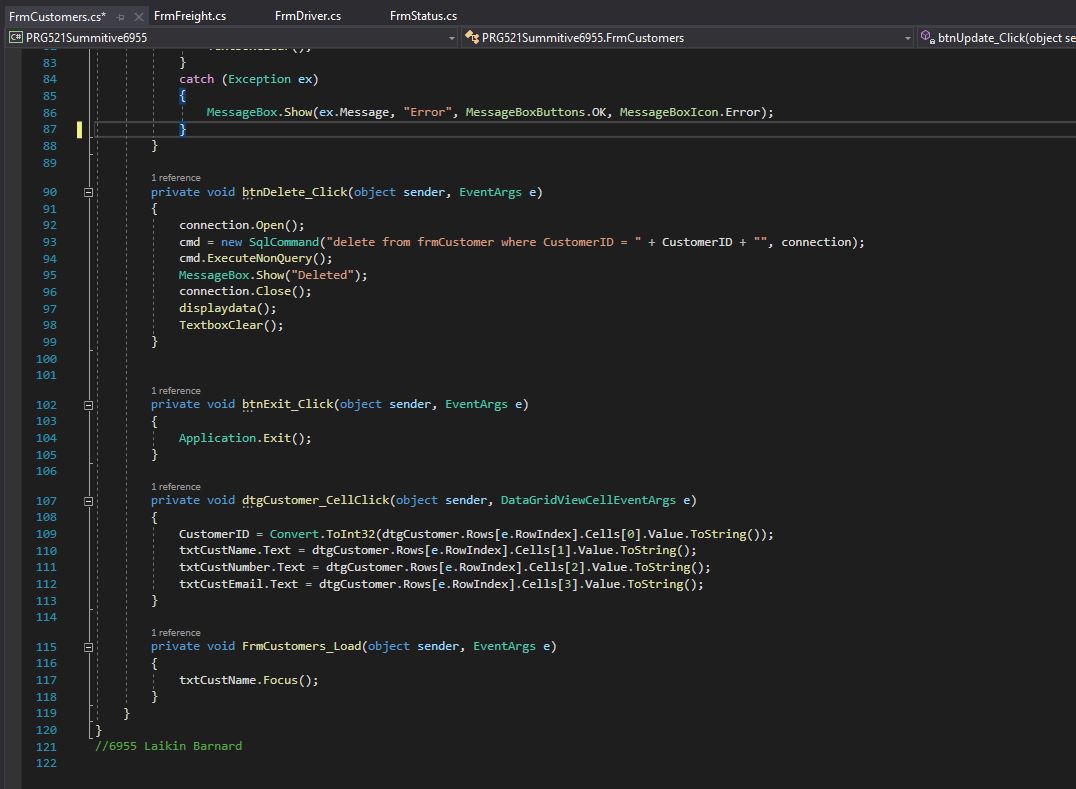
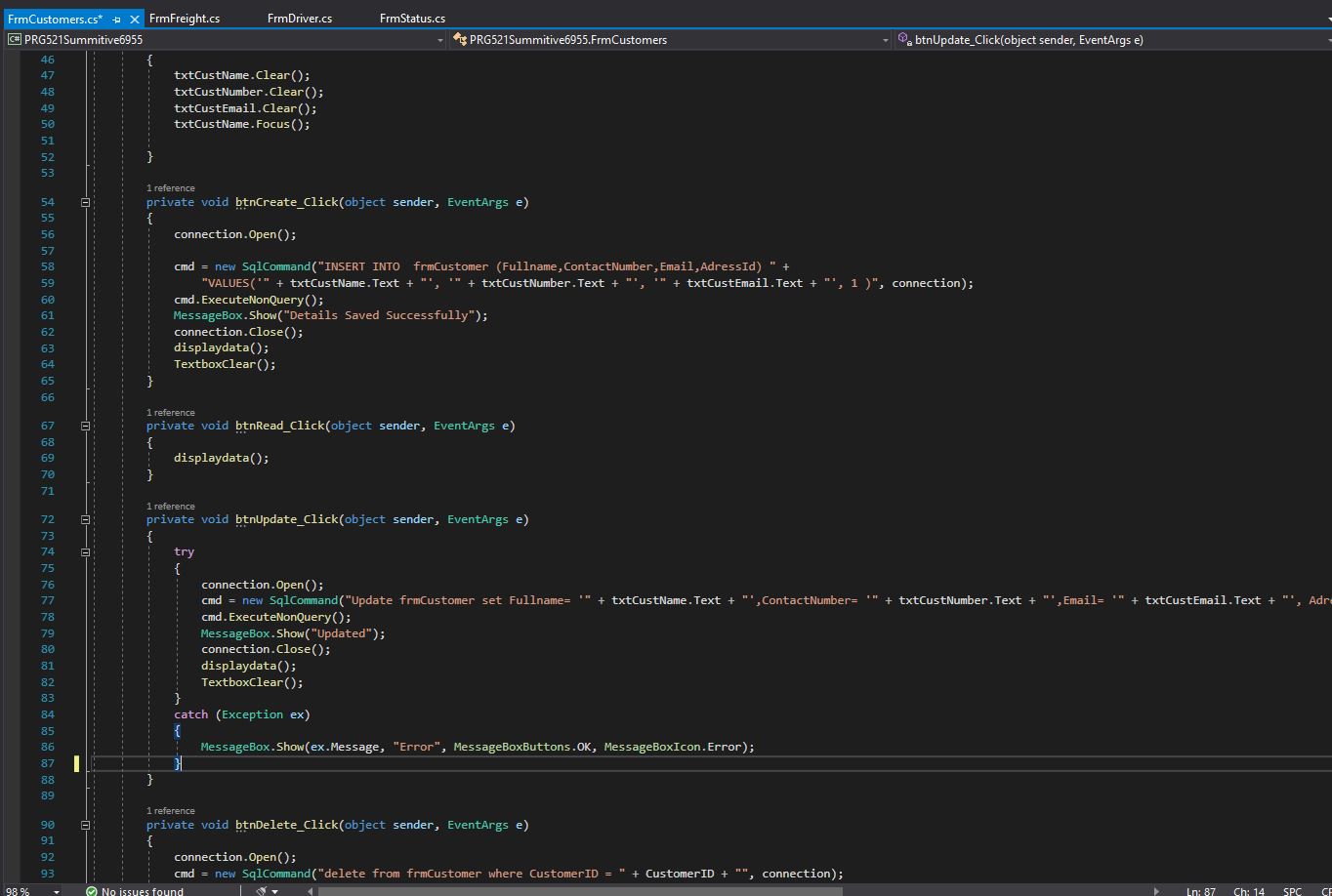
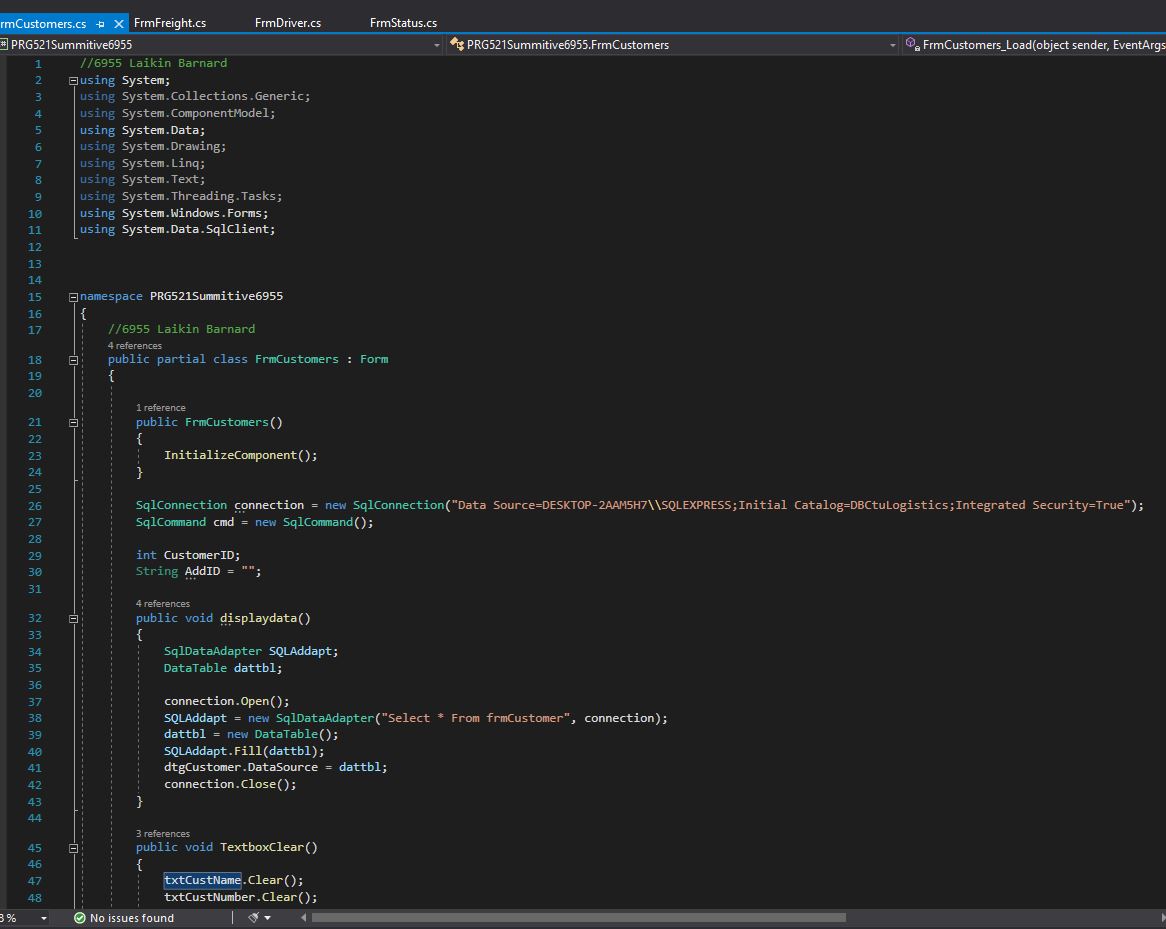
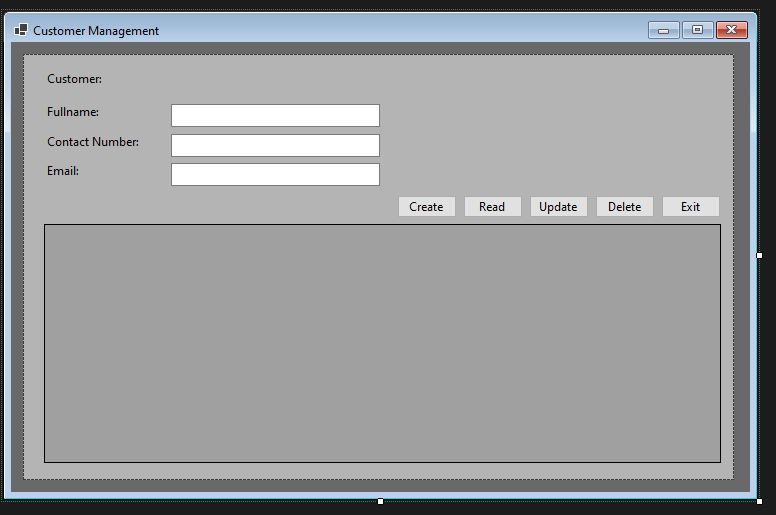
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# Question 5:



## Screen shots:



## Code:

//6955 Laikin Barnard

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 FrmCustomers : Form

{

public FrmCustomers()

{

InitializeComponent();

}

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

SqlCommand cmd = new SqlCommand();

int CustomerID;

String AddID = "";

public void displaydata()

{

SqlDataAdapter SQLAddapt;

DataTable dattbl;

connection.Open();

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

dattbl = new DataTable();

SQLAddapt.Fill(dattbl);

dtgCustomer.DataSource = dattbl;

connection.Close();

}

public void TextboxClear()

{

txtCustName.Clear();

txtCustNumber.Clear();

txtCustEmail.Clear();

txtCustName.Focus();

}

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

{

connection.Open();

cmd = new SqlCommand("INSERT INTO frmCustomer (Fullname,ContactNumber,Email,AdressId) " +

"VALUES('" + txtCustName.Text + "', '" + txtCustNumber.Text + "', '" + txtCustEmail.Text + "', 1 )", 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)

{

try

{

connection.Open();

cmd = new SqlCommand("Update frmCustomer set Fullname= '" + txtCustName.Text + "',ContactNumber= '" + txtCustNumber.Text + "',Email= '" + txtCustEmail.Text + "', AdressID = '" + AddID + "' where CustomerID = '" + CustomerID + "'", 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 frmCustomer where CustomerID = " + CustomerID + "", connection);

cmd.ExecuteNonQuery();

MessageBox.Show("Deleted");

connection.Close();

displaydata();

TextboxClear();

}

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

{

Application.Exit();

}

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

{

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

txtCustName.Text = dtgCustomer.Rows[e.RowIndex].Cells[1].Value.ToString();

txtCustNumber.Text = dtgCustomer.Rows[e.RowIndex].Cells[2].Value.ToString();

txtCustEmail.Text = dtgCustomer.Rows[e.RowIndex].Cells[3].Value.ToString();

}

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

{

txtCustName.Focus();

}

}

}

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## Results:

