



Program 3

Pdf:

<https://s3-us-west-2.amazonaws.com/secure.notion-static.com/1f483cf0-4b3a-451b-a099-73371425ec2d/Program3.pdf>

Create a web application to manage customer information using ADO.NET database.

Design / Structure:

Customer Entry Form

Customer ID

Name

Address

Gender

PIN Code

Phone number

Email

Label

Source Code:

```
using System;
using System.Collections.Generic;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace PartBThree
```

```

{
    public partial class CustomerInfo : System.Web.UI.Page
    {
        protected void addBtn_Click(object sender, EventArgs e)
        {
            SqlConnection con = new SqlConnection(@"Data Source=vigneshs-pc\SQLEXPRESS;Initial Catalog=simpledb;Integrated Security=True");
            con.Open();

            try
            {
                int CusID = Int32.Parse(idBox.Text);
                String name = nameBox.Text;
                String Address = addrBox.Text;
                String Gender = ddl.SelectedItem.Text;
                int pin = Int32.Parse(pinBox.Text);
                int phone = Int32.Parse(numberBox.Text);
                String email = mailBox.Text;

                String str1 = "insert into Customer values(" + CusID + ", '" + name + "', '" + Address + "', '" + Gender + "', " + pin + ", " + phone + ", '" + email + "')";

                SqlCommand com;
                com = new SqlCommand(str1, con);
                com.ExecuteNonQuery();
                con.Close();

                msgLabel.Text = "Saved Successfully";
            }
            catch (Exception ex)
            {
                msgLabel.Text = "Technical Error";
                con.Close();
            }
            msgLabel.Visible = true;
        }

        protected void searchBtn_Click(object sender, EventArgs e)
        {
            int custID = Int32.Parse(idBox.Text);
            SqlConnection con = new SqlConnection(@"Data Source=vigneshs-pc\SQLEXPRESS;Initial Catalog=simpledb;Integrated Security=True");
            con.Open();

            try
            {
                String str = "select * from Customer where ID like '" + custID + "'";
                SqlCommand cmd = new SqlCommand(str, con);
                SqlDataReader reader = cmd.ExecuteReader();

                if (reader.Read())
                {
                    nameBox.Text = reader["Name"].ToString();
                    addrBox.Text = reader["Address"].ToString();
                    pinBox.Text = reader["Pin"].ToString();
                    numberBox.Text = reader["Phone"].ToString();
                    mailBox.Text = reader["Email"].ToString();
                    ddl.Text = reader["Gender"].ToString();

                    reader.Close();
                }
                else
                {
                    msgLabel.Text = "Customer details not found";
                }
                con.Close();
            }
            catch (Exception exc)
            {
                msgLabel.Text = "Technical Error";
                con.Close();
            }
            msgLabel.Visible = true;
        }

        protected void clrBtn_Click(object sender, EventArgs e)
        {
            idBox.Text = nameBox.Text = addrBox.Text = pinBox.Text = numberBox.Text = mailBox.Text = msgLabel.Text = "";
            msgLabel.Visible = true;
        }
    }
}

```

Table:

CustomerInfo.aspx.cs dbo.Customer [Design] CustomerInfo.aspx PartB					
Update Script File: dbo.Table.sql					
	Name	Data Type	Allow Nulls	Default	
ID		varchar(50)	<input type="checkbox"/>		
Name		varchar(50)	<input checked="" type="checkbox"/>		
Address		varchar(50)	<input checked="" type="checkbox"/>		
Gender		varchar(50)	<input checked="" type="checkbox"/>		
Pin		nchar(10)	<input checked="" type="checkbox"/>		
Phone		nchar(10)	<input checked="" type="checkbox"/>		
Email		varchar(50)	<input checked="" type="checkbox"/>		
			<input type="checkbox"/>		

Output:

Customer Entry Form

Customer ID	<input type="text" value="15133"/>
Name	<input type="text" value="Zoro"/>
Address	<input type="text" value="Land of Wano"/>
Gender	<input type="text" value="Male"/> ▼
PIN Code	<input type="text" value="594623"/>
Phone number	<input type="text" value="88946666"/>
Email	<input type="text" value="roronoa@gmail.com"/>