

# Assignment Overview

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# First page (Indix)

## 1- search

```
<div>
    <asp:Label ID="lbl_Search" runat="server" Text="Search"></asp:Label>
    <asp:TextBox ID="txtb_Search" runat="server"
        OnTextChanged="TextBox1_TextChanged"></asp:TextBox>
    <asp:GridView ID="GridView1" runat="server" EmptyDataText="No record has found"
        OnPageIndexChanged="GridView1_SelectedIndexChanged"
        OnSelectedIndexChanged="GridView1_SelectedIndexChanged">
        </asp:GridView>
        <asp:Button ID="btn_Search_Click" runat="server" OnClick="btn_Search_Click" Text="Search"
    />
</div>
```

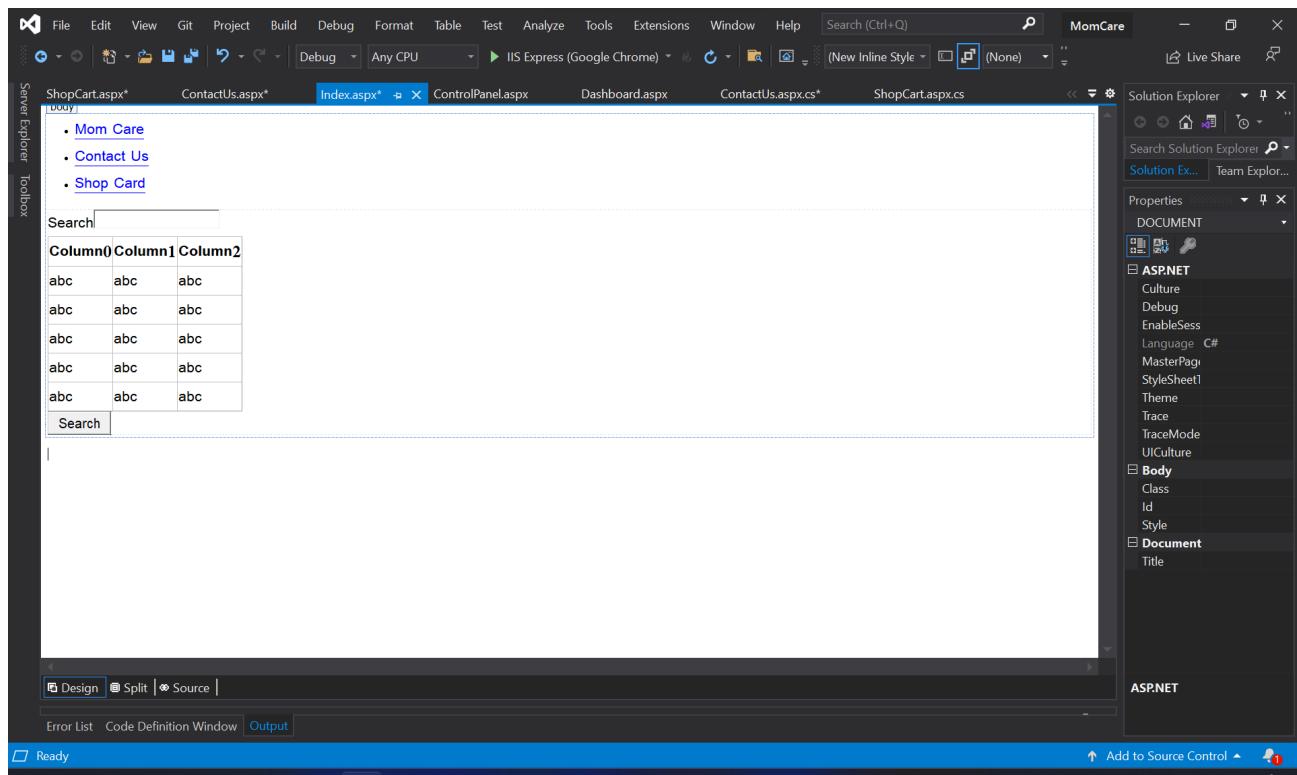
### asp.cs for search

```
public partial class WebForm2 : System.Web.UI.Page
{
    String conStr =
ConfigurationManager.ConnectionStrings["sampleDBconnectionsString2"].ConnectionString;
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            Bind();
        }
    }

    protected void TextBox1_TextChanged(object sender, EventArgs e)
    {

    }
    void Bind()
    {
        string Sql = "Select* from sampled where convert(navarchar, Email) like ''"
        + txtb_Search.Text + "%" or first name like ''" + txtb_Search.Text + "%'";
        SqlConnection con = new SqlConnection(conStr);
        con.Open();
        SqlCommand cmd = new SqlCommand();
        cmd.Connection = con;
        cmd.CommandText = Sql;

        SqlDataAdapter da = new SqlDataAdapter(cmd);
        DataSet ds = new DataSet();
        da.Fill(ds);
        GridView1.DataSource = ds;
        GridView1.DataBind();
    }
    protected void btn_Search_Click(object sender, EventArgs e)
    {
        Bind();
    }
}
```



## Second page (Contact us )

### 1- form information

In this page we put 3 labels and 3 text boxes for the information that we need to contact, and then we put range validator to email text box to inform the user the error message.

```
<div>
    <asp:Label ID="lbl_text" runat="server" Text="Name"></asp:Label>
    <asp:TextBox ID="txtb_name" runat="server" Height="29px"
OnTextChanged="TextBox1_TextChanged"></asp:TextBox>
</div>
<p>
    <asp:Label ID="lbl_text2" runat="server" Text="Phone"></asp:Label>
    <asp:TextBox ID="txtb_phone" runat="server" Height="24px"></asp:TextBox>
</p>
<p>
    <asp:Label ID="lbl_text3" runat="server" Text="Email"></asp:Label>
    <asp:TextBox ID="txtb_email" runat="server" Width="227px"></asp:TextBox>
    <asp:RangeValidator ID="RangeValidator1" runat="server" ErrorMessage="Allready Exsit"
ForeColor="Red" MaximumValue="20" MinimumValue="1"
ControlToValidate="txtb_email">*</asp:RangeValidator>
    <asp:Label ID="lbl_Error" runat="server"></asp:Label>
</p>
```

### 2- buttons

```
<asp:Button runat="server" Text="Save" ID="btn_Save" OnClientClick="return Validate();"
OnClick="btn_Save_Click"></asp:Button>
    <asp:Button runat="server" Text="Select" ID="btn_Select" OnClientClick="return Validate();"
OnClick="btn_Select_Click"></asp:Button>
    <asp:Button runat="server" Text="Update" ID="btn_Update" OnClientClick="return Validate();"
OnClick="btn_Update_Click"></asp:Button>
```

## 2.1- asp.cs save button

```
protected void btn_Save_Click(object sender, EventArgs e)
{
    DataView dv = (DataView)SqlDataSource1.Select(DataSourceSelectArguments.Empty);
    if (dv != null)
    {
        dv.RowFilter = "Email ='" + txtb_email.Text + "'";
        if (dv.Count > 0) { lbl_Error.Text = "Email already exists "; return; } else {
            SqlDataSource1.Insert();
        }
    }

    SqlDataSource1.Insert();
}
```

## 2.2- asp.cs select button

```
protected void btn_Select_Click(object sender, EventArgs e)
{
    DataView dv = (DataView)SqlDataSource1.Select(DataSourceSelectArguments.Empty);
    if (dv != null)
    {
        if (dv.Count > 0)
        {
            txtb_name.Text = dv[0].Row["Name"].ToString();
            txtb_email.Text = dv[0].Row["Email"].ToString();
        }
    }
}
```

## 2.3- asp.cs update button

```
protected void btn_Update_Click(object sender, EventArgs e)
{
    SqlDataSource1.Update();
}
```

## 2.4- delete button

```
protected void btn_Delete_Click(object sender, EventArgs e)
{
    string emailToDelete = txtb_email.Text;

    string connectionString = "Data Source=absher\SQLEXP;Initial Catalog=sampleDB;Integrated Security=True";

    using (SqlConnection connection = new SqlConnection(connectionString))
    {
        try
        {

            connection.Open();

            string sqlDelete = "DELETE FROM Table_1 WHERE Email = @Email";

            using (SqlCommand command = new SqlCommand(sqlDelete, connection))
            {

                command.Parameters.AddWithValue("@Email", emailToDelete);

                int rowsAffected = command.ExecuteNonQuery();

                if (rowsAffected > 0)
                {

                    lbl_Message.Text = "Data deleted successfully.";
                }
                else
                {

                    lbl_Message.Text = "No data found for the specified email.";
                }
            }
        }
        catch (Exception ex)
        {

            lbl_Message.Text = "An error occurred: " + ex.Message;
        }
    }
}
```

### 3- upload file

```
<div>
    <asp:Label ID="lbl_Up" runat="server" Text="UploadFile"></asp:Label>
    <asp:FileUpload ID="FileUpload1" runat="server" />
    <asp:Button ID="btn_Upload" runat="server" OnClick="btn_Upload_Click" Text="Upload" />
    <asp:Button ID="btn_Upload2" runat="server" OnClick="Button1_Click" style="margin-bottom: 0px" Text="Save " />
    <asp:RangeValidator ID="lbl_Message" runat="server" EnableViewState="False" ControlToValidate="FileUpload1" OnDataBinding="btn_Upload_Click"></asp:RangeValidator>
</div>
```

#### asp.cs page for the the upload file buttons

```
protected void btn_Upload_Click(object sender, EventArgs e)
{
    if (FileUpload1.HasFile && FileUpload1.FileContent.Length < 100000)
    {
        try
        {

            string Path = Server.MapPath("~/Upload1/" + FileUpload1.FileName);
            FileUpload1.SaveAs(Path);
            lbl_Message.Text = "Uploaded Success";
        }

        catch
        {

            lbl_Message.Text = "OOPS Some error";
        }
    }
}
```

```
protected void btn_Upload2_Click(object sender, EventArgs e)
{
    DataView dv = (DataView)SqlDataSource1.Select(DataSourceSelectArguments.Empty);
    if (dv != null)
    {
        dv.RowFilter = "ID='" + txtb_email.Text + "'";
        if (dv.Count > 0)
        {
            lbl_Message.Text = "ID number already exists";
            return;
        }
        else
        {
            string conStr =
ConfigurationManager.ConnectionStrings["sampleDBConnectionString"].ToString();
            string sql = "Insert into sample TB2 (ID, FirstName, Email, file_path) values (" +
+ txtb_email.Text + "," + txtb_name.Text + "," + txtb_phone.Text + "", '/ Upload1 / '
+ FileUpload1.FileName + ")";
            SqlConnection con = new SqlConnection(conStr);
            con.Open();
            SqlCommand cmd = new SqlCommand(sql, con); SqlDataAdapter da = new
SqlDataAdapter();
            da.InsertCommand = new SqlCommand(sql, con);
            da.InsertCommand.ExecuteNonQuery();
            try
            {

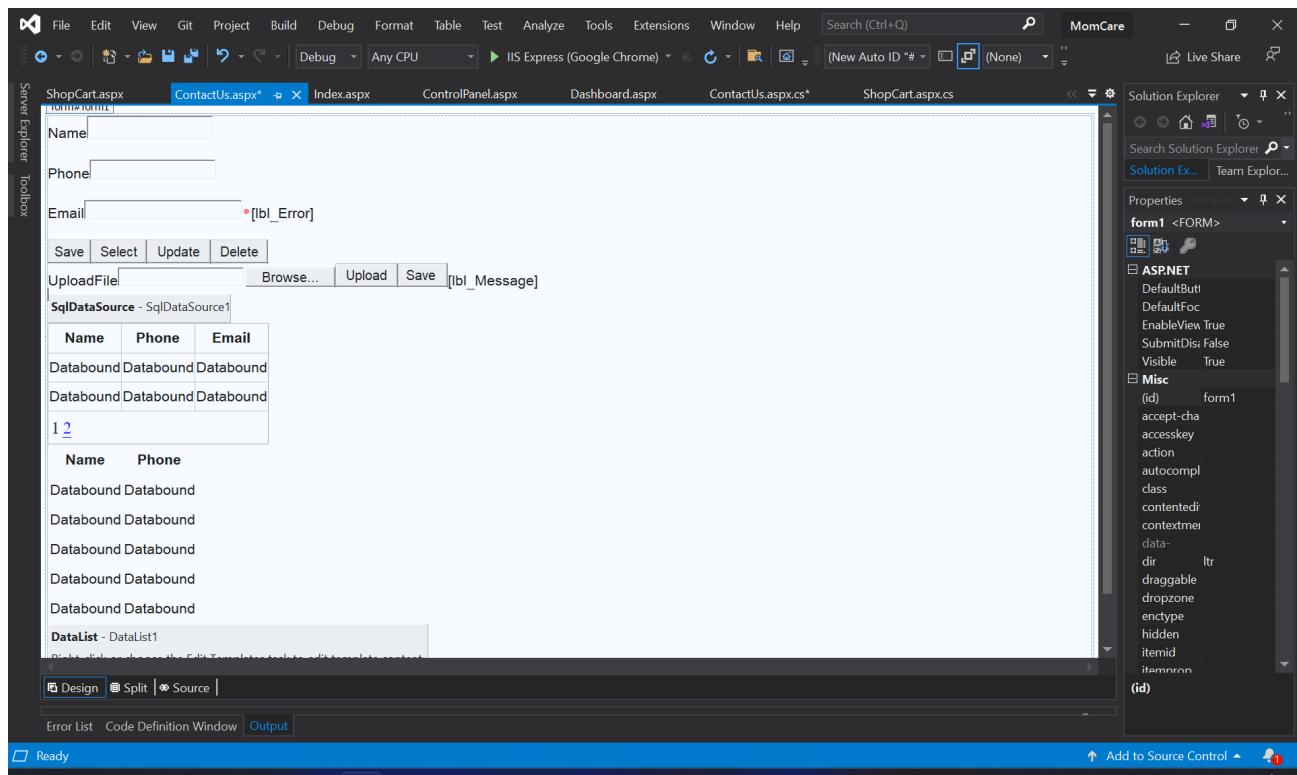
                string Path = Server.MapPath("~/Upload1/" + FileUpload1.FileName);
                FileUpload1.SaveAs(Path);
                lbl_Message.Text = "Uploaded Success";
            }
            catch (Exception ex)
            {
            }
            lbl_Message.Text = "OOPS Some error";
        }
    }
}
```

## 4- Receiving and processing data from forms

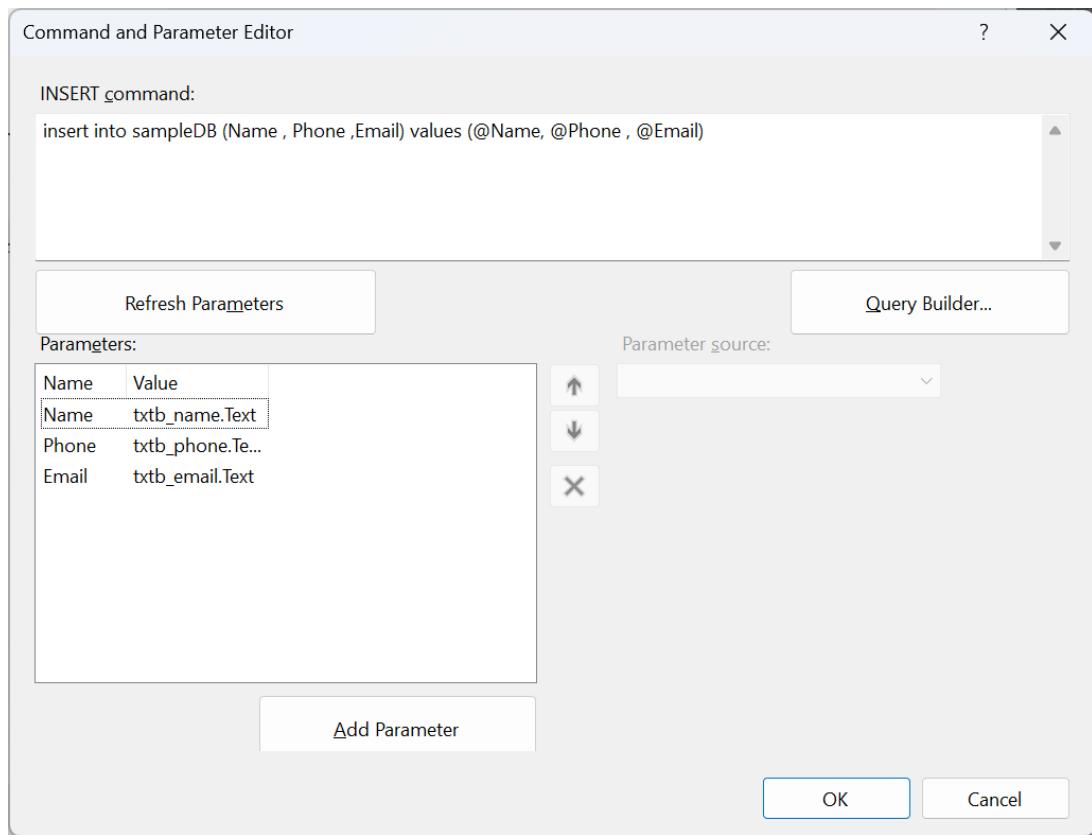
```
<asp:SqlDataSource ID="SqlDataSource1" runat="server" ConnectionString="<%$  
ConnectionStrings:sampleDBConnectionString %>" OnSelecting="SqlDataSource1_Selecting"  
SelectCommand="SELECT [Name], [Phone], [Email] FROM[Table_1] Where Email = @Email"  
InsertCommand="insert into sampleDB (Name , Phone ,Email) values (@Name, @Phone , @Email)"  
UpdateCommand="Update Table_1 set Name = @Name ,Phone=@Phone ,where Email= @Email">  
    <InsertParameters>  
        <asp:ControlParameter ControlID="txtb_name" Name="Name" PropertyName="Text" />  
        <asp:ControlParameter ControlID="txtb_phone" Name="Phone" PropertyName="Text" />  
        <asp:ControlParameter ControlID="txtb_email" Name="Email" PropertyName="Text" />  
    </InsertParameters>  
    <SelectParameters>  
        <asp:ControlParameter ControlID="txtb_name" Name="Name" PropertyName="Text" />  
        <asp:ControlParameter ControlID="txtb_phone" Name="Phone" PropertyName="Text" />  
        <asp:ControlParameter ControlID="txtb_email" Name="Email" PropertyName="Text" />  
    </SelectParameters>  
    <UpdateParameters>  
        <asp:ControlParameter ControlID="txtb_email" Name="Email" PropertyName="Text" />  
    </UpdateParameters>  
</asp:SqlDataSource>
```

### asp.cs Receiving and processing data from forms

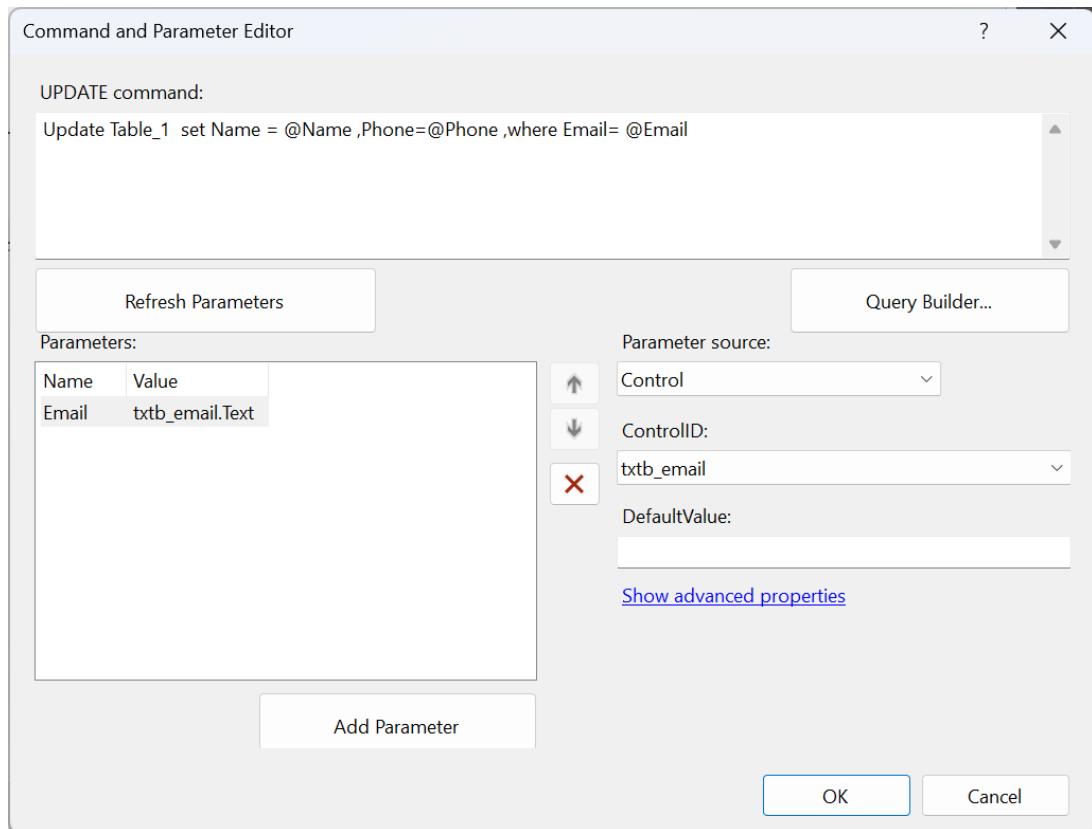
```
protected void SqlDataSource1_Selecting(object sender, SqlDataSourceSelectingEventArgs e)  
{  
  
}  
void bindRepeaterData()  
{  
    string conStr =  
ConfigurationManager.ConnectionStrings["sampleDBConnectionString"].ConnectionString;  
    SqlConnection conn = new SqlConnection(conStr);  
    conn.Open();  
    SqlCommand cmd = new SqlCommand("Select * from sampleTB", conn);  
    SqlDataAdapter da = new SqlDataAdapter(cmd);  
    DataTable dt = new DataTable();  
    da.Fill(dt);  
    Repeater1.DataSource = dt;  
    Repeater1.DataBind();  
    da.Dispose();  
    cmd.Dispose();  
    conn.Close();  
}
```



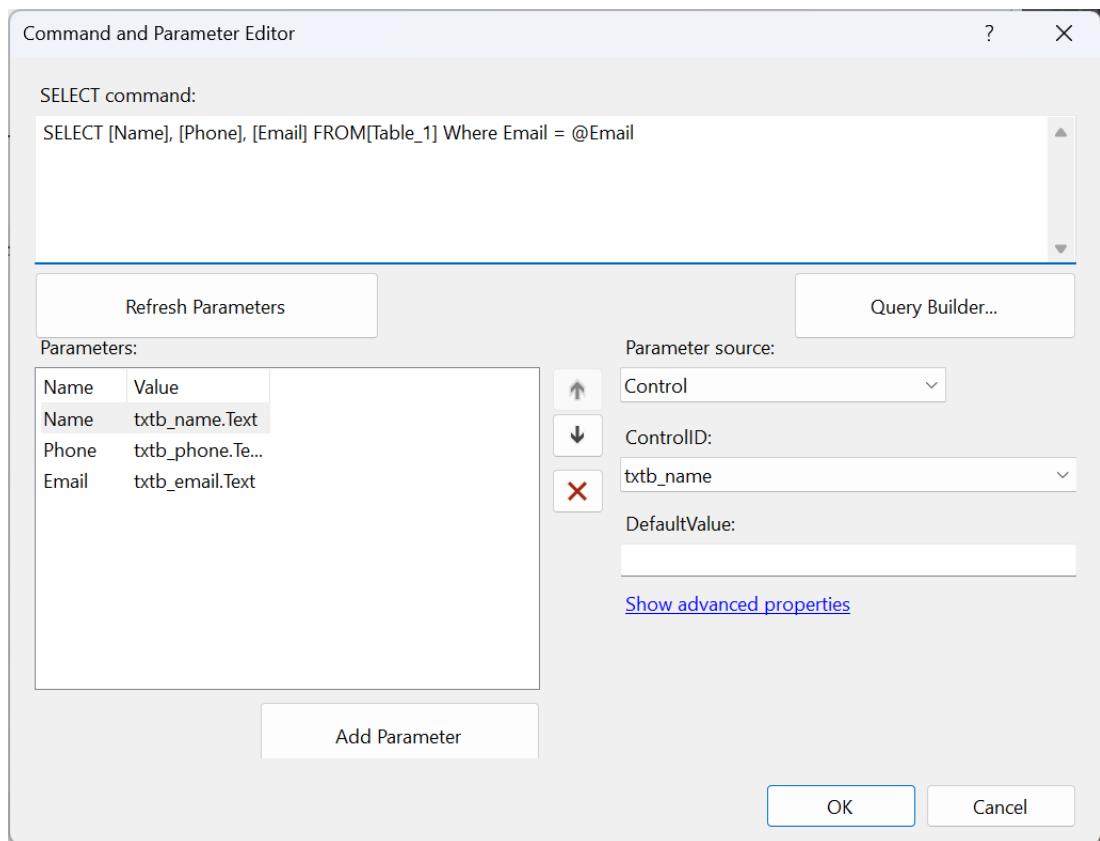
## Insert query



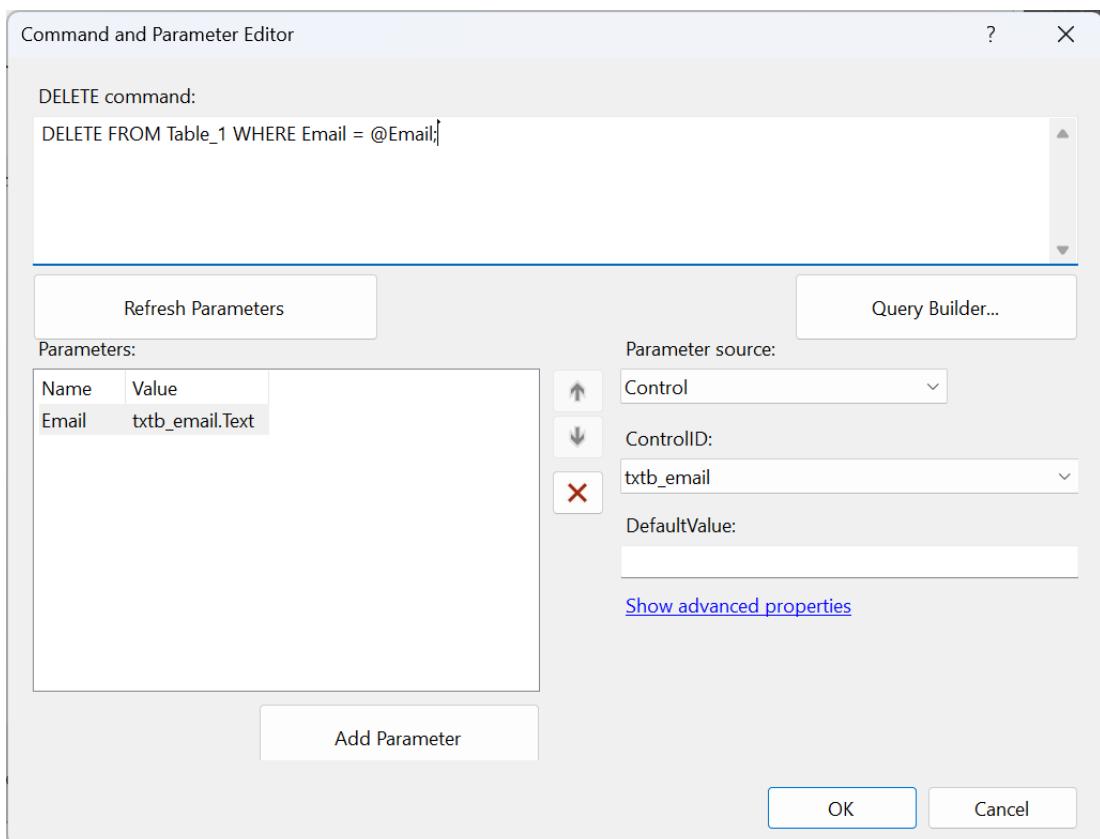
## Update query



## Select query



## Delete query



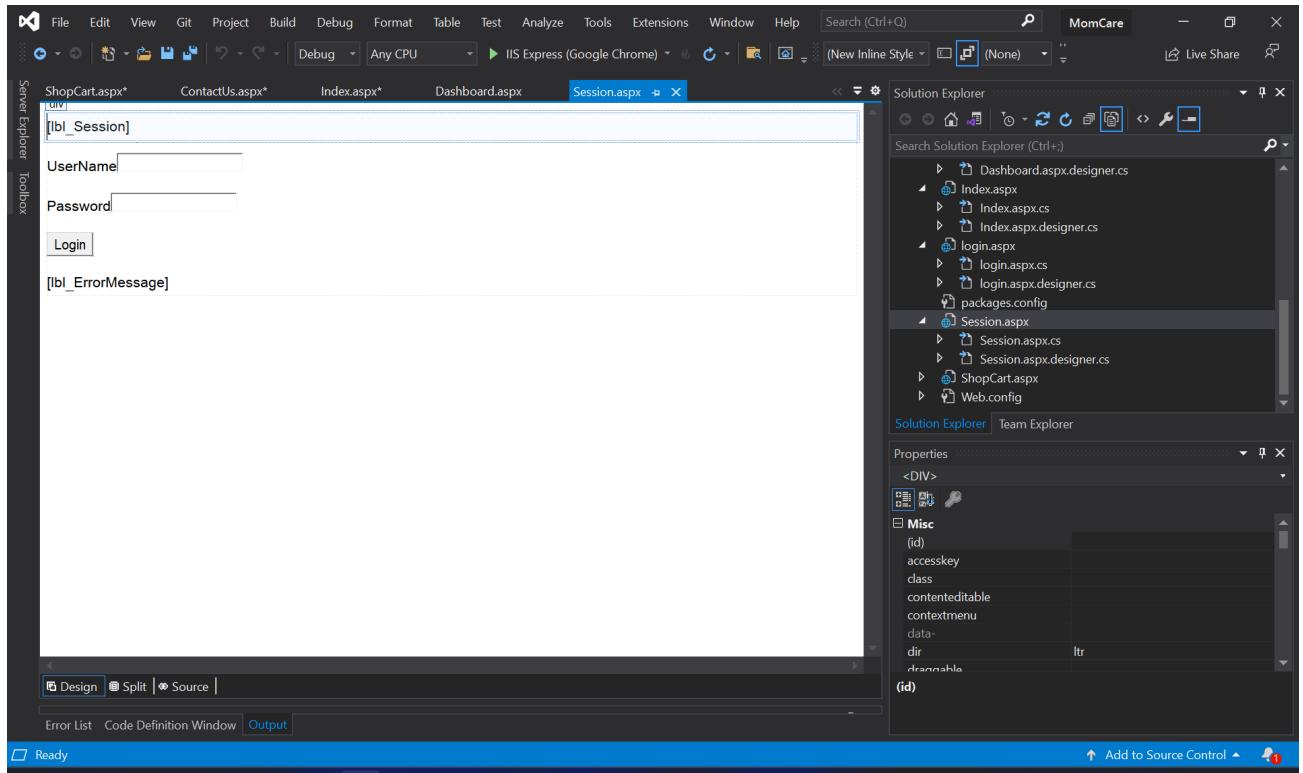
# Third page (Session )

## 1- Session

```
<div>
    <asp:Label ID="lbl_Session" runat="server"></asp:Label>
</div>
<p>
    <asp:Label ID="lbl_UserName" runat="server" Text="UserName"></asp:Label>
    <asp:TextBox ID="txtb_UserName" runat="server"
OnTextChanged="TextBox2_TextChanged"></asp:TextBox>
</p>
<p>
    <asp:Label ID="lbl_password" runat="server" Text="Password"></asp:Label>
    <asp:TextBox ID="txtb_Password" runat="server"
OnTextChanged="TextBox1_TextChanged"></asp:TextBox>
</p>
<p>
    <asp:Button ID="btn_Login" runat="server" OnClick="btn_Login_Click" Text="Login" />
</p>
<p>
    <asp:Label ID="lbl_ErrorMessage" runat="server"></asp:Label>
</p>
```

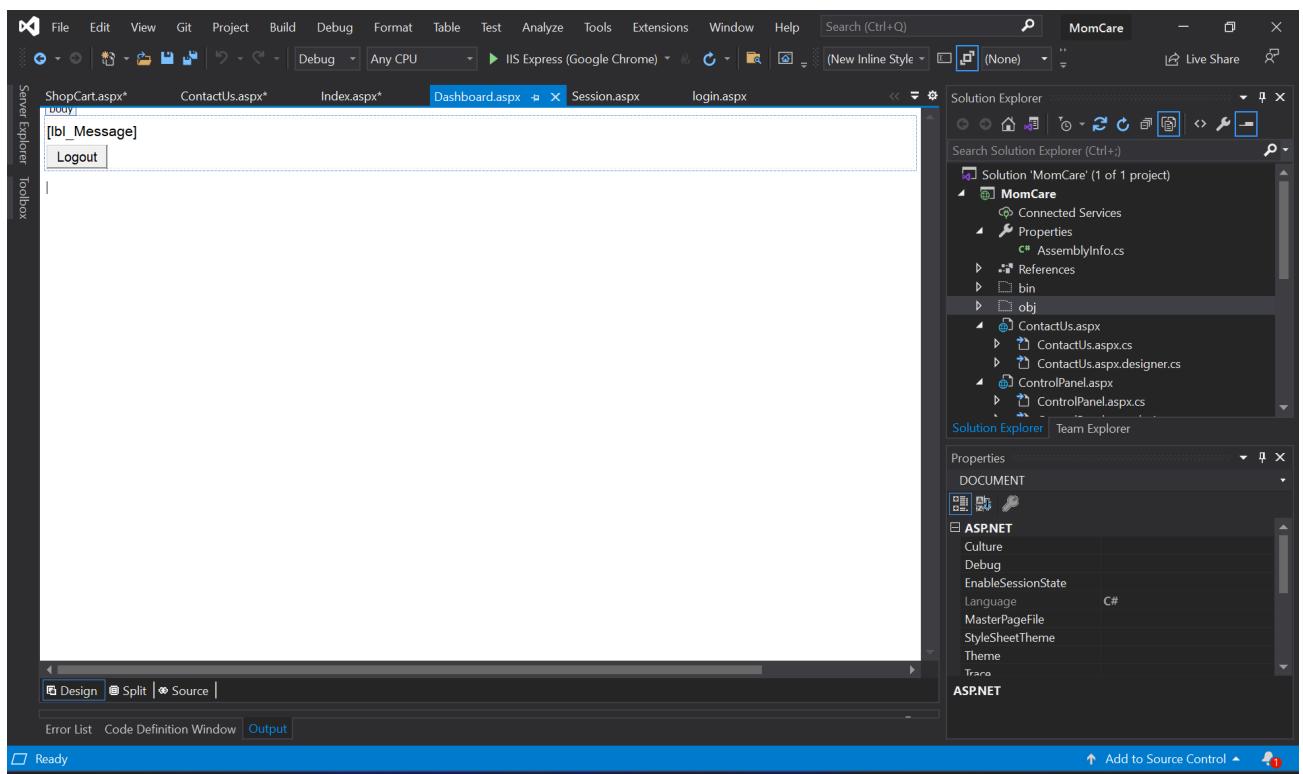
## asp.cs session

```
protected void btn_Login_Click(object sender, EventArgs e)
{
    string conStr =
ConfigurationManager.ConnectionStrings["sampleDBConnectionString"].ToString();
    SqlConnection con = new SqlConnection(conStr);
    SqlCommand cmd = new SqlCommand("select * from userInfoTB where [username]=@username and
[password]=@pass", con);
    cmd.Parameters.AddWithValue("username", txtb_UserName.Text);
    cmd.Parameters.AddWithValue("pass", txtb_Password.Text);
    SqlDataAdapter da = new SqlDataAdapter(cmd);
    DataTable dt = new DataTable();
    da.Fill(dt);
    con.Open();
    cmd.ExecuteNonQuery();
    con.Close();
    cmd.Dispose();
    if (dt.Rows.Count > 0)
    {
        Session["UserName"] = txtb_UserName.Text;
        Session["Password"] = txtb_Password.Text;
        lbl_ErrorMessage.Text = Session["UserName"].ToString();
        Response.Redirect("Dashboard.aspx");
        return;
    }
    else
    {
        lbl_ErrorMessage.Text = "user and password is wrong!";
    }
}
```



## Dashbord page

This page comes when the user presses login so this page it let him go back to login page again.



## Fourth page (login)

### 1- login cookies

```
<div>
    <asp:Label ID="Label1" runat="server" Text="UserName"></asp:Label>
    <asp:TextBox ID="txtb_UserName" runat="server"></asp:TextBox>
    <br />
    <asp:Label ID="Label2" runat="server" Text="Password"></asp:Label>
    <asp:TextBox ID="txtb_Password" runat="server"
OnTextChanged="TextBox2_TextChanged"></asp:TextBox>
</div>
<p>
    <asp:Label ID="Label3" runat="server" Text="Rember Me."></asp:Label>
    <asp:CheckBox ID="ChkB_CheckMe" runat="server"
OnCheckedChanged="CheckBox1_CheckedChanged" />
</p>
<p>
    <asp:Button ID="btn_Login" runat="server" OnClick="btn_Login_Click" Text="Login" />
</p>
<p>
    <asp:RangeValidator ID="lbl_Message" runat="server"
ControlToValidate="txtb_Password"></asp:RangeValidator>
</p>
```

asp.cs login

```
protected void btn_Login_Click(object sender, EventArgs e)
{
    string conStr =
ConfigurationManager.ConnectionStrings["sampleDBConnectionString"].ToString();

    SqlConnection con = new SqlConnection(conStr);

    SqlCommand cmd = new SqlCommand("select * from userInfoTB where [username]=@username and
[password]=@pass", con);

    cmd.Parameters.AddWithValue("username", txtb_UserName.Text);

    cmd.Parameters.AddWithValue("pass", txtb_Password.Text);

    SqlDataAdapter da = new SqlDataAdapter(cmd);

    DataTable dt = new DataTable();

    da.Fill(dt);

    con.Open();

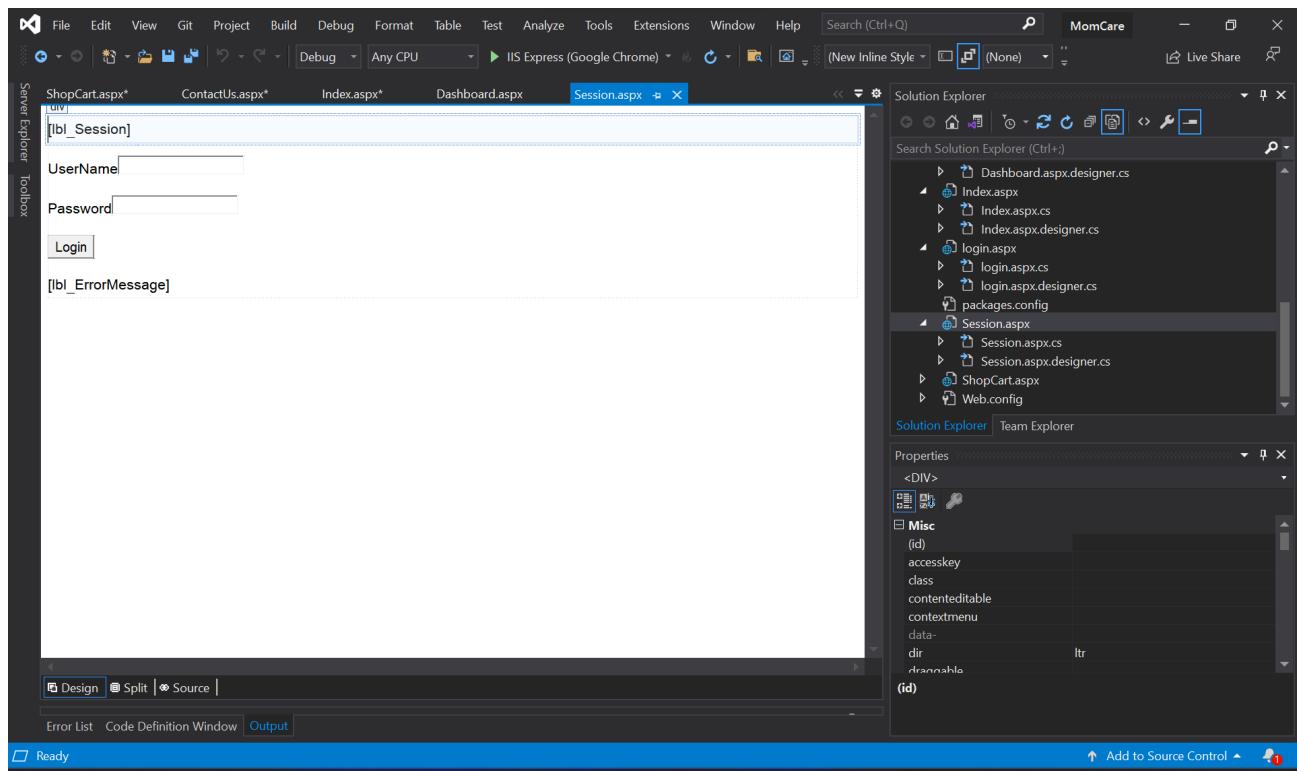
    cmd.ExecuteNonQuery();

    con.Close();
    cmd.Dispose();

    if (dt.Rows.Count > 0)
    {
        HttpCookie Cookie = new HttpCookie("UserwebInformation");

        if (ChkB_CheckMe.Checked)
        {

            Cookie["UserName"] = txtb_UserName.Text;
            Cookie["Password"] = txtb_Password.Text;
            Cookie.Expires = DateTime.Now.AddDays(7);
            Response.Cookies.Add(Cookie);
        }
        else{
            Cookie.Expires = DateTime.Now.AddMinutes(-1);
        }
        Response.Redirect("ControlPanel.aspx");
    }
    else
    {
        lbl_Message.Text = "user and password is wrong!";
    }
}
```



## Fifth page (shop cart)

### 1- shop cart

```
<table>
    <tr>
        <td>
            <asp:Label ID="Label1" runat="server" EnableViewState="false"></asp:Label>
        </td>
    </tr>
    <tr>
        <td>
            <asp:DataList ID="DataList1" runat="server"
OnSelectedIndexChanged="DataList1_SelectedIndexChanged1" DataSourceID="SqlDataSource1"
RepeatDirection="Horizontal" Width="100%">
                <ItemTemplate>
                    <div>
                        <p>Price:<br/>
                            <asp:Label ID="Label2" runat="server" Text='<%# Eval("Price") %>' />
                        </p>
                        <p>Product Name:<br/>
                            <asp:Label ID="ProductNameLabel" runat="server" Text='<%# Eval("ProductName") %>' />
                        </p>
                        <asp:Button ID="Button3" runat="server" Text="Add to cart"
CommandArgument='<%# Eval("ProductID") %>' />
                    </div>
                </ItemTemplate>
            </asp:DataList>
            <asp:SqlDataSource ID="SqlDataSource1" runat="server" ConnectionString="<%$.ConnectionStrings:sampleDBConnectionString %>" SelectCommand="SELECT [Price], [ProductName],
[ProductID] FROM [Table_2]"></asp:SqlDataSource>
        </td>
    </tr>
    <tr>
        <td>
            <asp:Button ID="Button2" runat="server" Text="View Cart"
PostBackUrl="~/ViewCart.aspx" />
        </td>
    </tr>
</table>
</div>
```

asp.cs shop cart

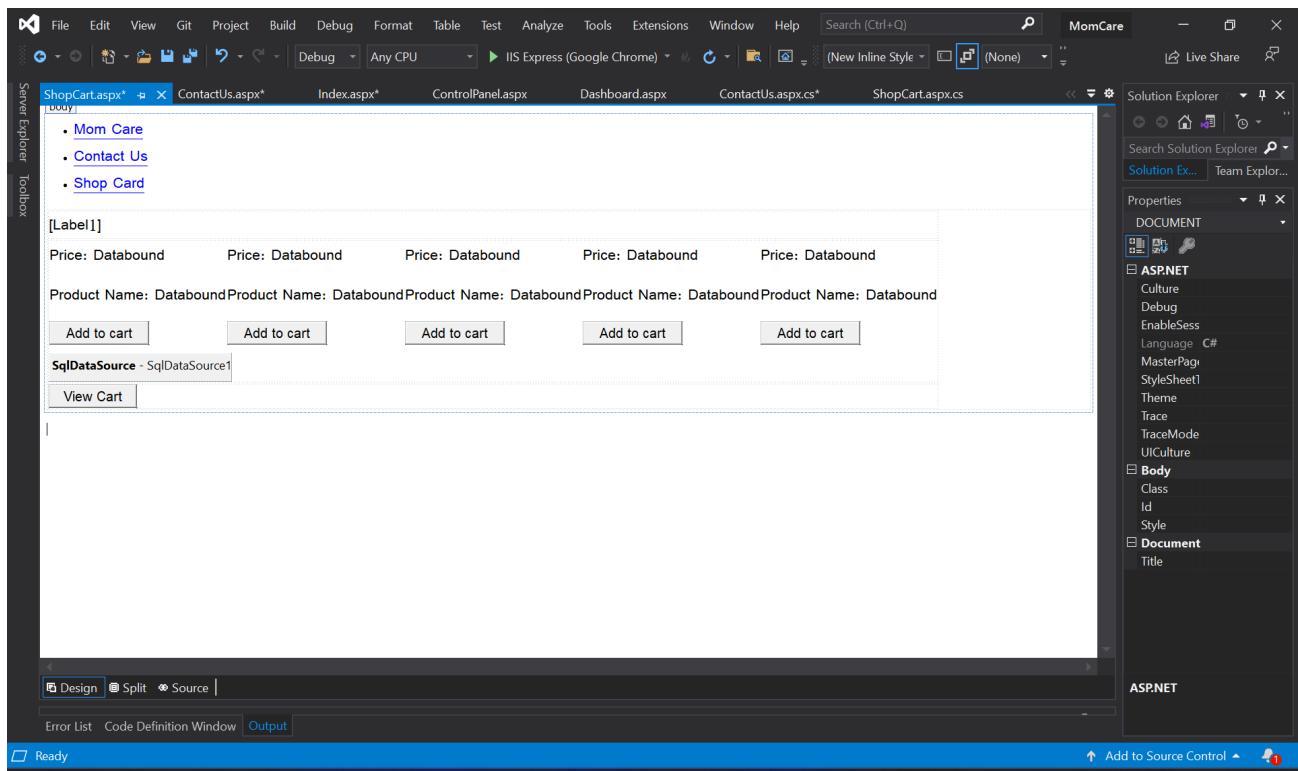
```
public partial class ShoppingCart : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            LoadData();
        }
    }

    private void LoadData()
    {
        // Fetch data from the database and bind it to the DataList
        string connectionString = "your_connection_string_here"; // Replace with your database
connection string
        using (SqlConnection connection = new SqlConnection(connectionString))
        {
            connection.Open();
            string query = "SELECT [Monring], [Evening], [Full_time] FROM [Table_2]";
            SqlCommand command = new SqlCommand(query, connection);
            SqlDataReader reader = command.ExecuteReader();

            DataList1.DataSource = reader;
            DataList1.DataBind();

            reader.Close();
        }
    }

    protected void DataList1_SelectedIndexChanged1(object sender, EventArgs e)
    {
    }
}
```



## data base

**Table 1**

Name	Phone	Email
riya	5478365...	ri@gmail...
Roaa	5565371...	ro@gmail...
fahad	5544789...	tt12@g...
\*	NULL	NULL

 The SSMS interface includes a toolbar, menu bar, and various tool windows like Query Designer and Tools."/>

**Table 2**

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left lists the database structure, including the sampleDB database which contains tables like dbo.Table\_1, dbo.Table\_2, and dbo.Table\_3. Three tabs are open in the center pane: absher\SQLEXP.sampleDB - dbo.Table\_2, absher\SQLEXP.sampleDB - dbo.Table\_3, and absher\SQLEXP.sampleDB - dbo.Table\_1. The dbo.Table\_2 tab displays a table with columns Prouduct... (Morning, Evening, Full time), Price (1200, 1500, 2400), and ProductID (1, 2, 3). The dbo.Table\_3 tab displays a table with columns UserName (Amal, Zahraa, Ahmad) and Password (Jsqgb273, 564jg4h, 99199i).

Prouduct...	Price	ProductID
Morning	1200	1
Evening	1500	2
Full time	2400	3
*	NULL	NULL

UserName	Password
Amal	Jsqgb273
Zahraa	564jg4h
Ahmad	99199i
*	NULL

Table 3

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left lists the database structure, including the sampleDB database which contains tables like dbo.Table\_1, dbo.Table\_2, and dbo.Table\_3. Three tabs are open in the center pane: absher\SQLEXP.sampleDB - dbo.Table\_3, absher\SQLEXP.sampleDB - dbo.Table\_2, and absher\SQLEXP.sampleDB - dbo.Table\_1. The dbo.Table\_3 tab displays a table with columns UserName (Amal, Zahraa, Ahmad) and Password (Jsqgb273, 564jg4h, 99199i).

UserName	Password
Amal	Jsqgb273
Zahraa	564jg4h
Ahmad	99199i
*	NULL