.**net slip 8**

**Session1Ex.aspx**

**Write web application in asp take two button on the page,a text box to enter string and label to display the text stored from last session**

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="sessionEx.aspx.cs" Inherits="sessionTine WebForm1">

<!DOCTYPE htal>

<html xmlns="<http://www.w3.org/1999/xhtml>">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div>

<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox> <asp:Button ID="Button1" runat="server" OnClick="Button1\_Click"

Text="Button" />

</div>

</form>

</body>

</html>

**Session1 Ex.aspx.cs**

using Systen;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace sessionTime

public partial class WebForml [Systen.Web.UI.Page](http://systen.web.ui.page/" \t "_blank)

{ protected void Page\_Load(object sender, EventArgs e)

{

}

protected void Button1\_Click(object sender, EventArgs e)

{ Session.Add("username", TextBox1.Text); Response.Redirect("session2.aspx");

Session["username"] = TextBox1.Text;

}

}

}

**Session2.aspx**

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="session2.aspx.cs" Inherits="sessionTime session2">

<!DOCTYPE html>

<html xmlns="<http://www.w3.org/1999/xhtml>">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div>

<asp:LinkButton ID="LinkButton1" runat="server" PostBackUrl="/session3.aspx">Go To Session 3</asp:LinkButton>

</div>

</form>

</body>

</html>

**Session2.aspx.cs**

using Systen;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace sessionTime

{

public partial class session2 [System.Web.UI.Page](http://system.web.ui.page/" \t "_blank)

{

protected void Page\_Load(object sender, EventArgs e) {

if (Session["username"]!=null)

{

Response.Write("Welcome" + Session["username"].ToString());

}

}

}

**Session3.aspx**

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="session3.aspx.cs Inherits="sessionTime.session3">

<!DOCTYPE html>

<html xmlns="<http://www.w3.org/1999/xhtml>">

<head runat="server">

<title></title>

</head>

<body>

<form id="form1" runat="server">

<div>

</div>

</form>

</body>

</html>

**Session3.aspx.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace sessionTime

{

public partial class session3: [System.Web.UI.Page](http://system.web.ui.page/" \t "_blank)

protected void Page\_Load(object sender, EventArgs e)

{

if (Session["username"] != null) {

Response.Write(" Welcome at Session 3+

Session["username"].ToString());

}

else

{

}

Response.Write("Session has been expired");

} }

}

**Q2.**Write an asp.net program to display student details(roll no,name,mobile number and gender)from database.Edit,Delete information from Gridview.

**Aspx:**

**<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="StudentDetails.aspx.cs" Inherits="StudentDetails.StudentDetails" %>**

**<!DOCTYPE html>**

**<html xmlns="http://www.w3.org/1999/xhtml">**

**<head runat="server">**

**<title>Student Details</title>**

**</head>**

**<body>**

**<form id="form1" runat="server">**

**<div>**

**<asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="False" DataKeyNames="RollNo"**

**OnRowEditing="GridView1\_RowEditing" OnRowUpdating="GridView1\_RowUpdating" OnRowCancelingEdit="GridView1\_RowCancelingEdit"**

**OnRowDeleting="GridView1\_RowDeleting" OnRowDataBound="GridView1\_RowDataBound">**

**<Columns>**

**<asp:BoundField DataField="RollNo" HeaderText="Roll No" ReadOnly="True" />**

**<asp:BoundField DataField="Name" HeaderText="Name" />**

**<asp:BoundField DataField="MobileNumber" HeaderText="Mobile Number" />**

**<asp:BoundField DataField="Gender" HeaderText="Gender" />**

**<asp:CommandField ShowEditButton="True" ShowDeleteButton="True" />**

**</Columns>**

**</asp:GridView>**

**</div>**

**</form>**

**</body>**

**</html>**

**Aspx.cs:**

**using System;**

**using System.Data;**

**using System.Data.SqlClient;**

**using System.Web.UI.WebControls;**

**namespace StudentDetails**

**{**

**public partial class StudentDetails : System.Web.UI.Page**

**{**

**protected void Page\_Load(object sender, EventArgs e)**

**{**

**if (!IsPostBack)**

**{**

**BindGridView();**

**}**

**}**

**protected void BindGridView()**

**{**

**string connectionString = "YourConnectionString"; // Replace with your database connection string**

**string query = "SELECT RollNo, Name, MobileNumber, Gender FROM Students";**

**using (SqlConnection conn = new SqlConnection(connectionString))**

**{**

**using (SqlCommand cmd = new SqlCommand(query, conn))**

**{**

**conn.Open();**

**SqlDataAdapter da = new SqlDataAdapter(cmd);**

**DataTable dt = new DataTable();**

**da.Fill(dt);**

**GridView1.DataSource = dt;**

**GridView1.DataBind();**

**}**

**}**

**}**

**protected void GridView1\_RowEditing(object sender, GridViewEditEventArgs e)**

**{**

**GridView1.EditIndex = e.NewEditIndex;**

**BindGridView();**

**}**

**protected void GridView1\_RowUpdating(object sender, GridViewUpdateEventArgs e)**

**{**

**string rollNo = GridView1.DataKeys[e.RowIndex].Value.ToString();**

**string name = ((TextBox)GridView1.Rows[e.RowIndex].FindControl("txtName")).Text;**

**string mobileNumber = ((TextBox)GridView1.Rows[e.RowIndex].FindControl("txtMobileNumber")).Text;**

**string gender = ((TextBox)GridView1.Rows[e.RowIndex].FindControl("txtGender")).Text;**

**string connectionString = "YourConnectionString"; // Replace with your database connection string**

**string query = "UPDATE Students SET Name=@Name, MobileNumber=@MobileNumber, Gender=@Gender WHERE RollNo=@RollNo";**

**using (SqlConnection conn = new SqlConnection(connectionString))**

**{**

**using (SqlCommand cmd = new SqlCommand(query, conn))**

**{**

**cmd.Parameters.AddWithValue("@Name", name);**

**cmd.Parameters.AddWithValue("@MobileNumber", mobileNumber);**

**cmd.Parameters.AddWithValue("@Gender", gender);**

**cmd.Parameters.AddWithValue("@RollNo", rollNo);**

**conn.Open();**

**cmd.ExecuteNonQuery();**

**}**

**}**

**GridView1.EditIndex = -1;**

**BindGridView();**

**}**

**protected void GridView1\_RowCancelingEdit(object sender, GridViewCancelEditEventArgs e)**

**{**

**GridView1.EditIndex = -1;**

**BindGridView();**

**}**

**protected void GridView1\_RowDeleting(object sender, GridViewDeleteEventArgs e)**

**{**

**string rollNo = GridView1.DataKeys[e.RowIndex].Value.ToString();**

**string connectionString = "YourConnectionString"; // Replace with your database connection string**

**string query = "DELETE FROM Students WHERE RollNo=@RollNo";**

**using (SqlConnection conn = new SqlConnection(connectionString))**

**{**

**using (SqlCommand cmd = new SqlCommand(query, conn))**

**{**

**cmd.Parameters.AddWithValue("@RollNo", rollNo);**

**conn.Open();**

**cmd.ExecuteNonQuery();**

**}**

**}**

**BindGridView();**

**}**

**protected void GridView1\_RowDataBound(object sender, GridViewRowEventArgs e)**

**{**

**if (e.Row.RowType == DataControlRowType.DataRow && GridView1.EditIndex == e.Row.RowIndex)**

**{**

**TextBox txtName = (TextBox)e.Row.FindControl("txtName");**

**TextBox txtMobileNumber = (TextBox)e.Row.FindControl("txtMobileNumber");**

**TextBox txtGender = (TextBox)e.Row.FindControl("txtGender");**

**txtName.Text = ((Label)e.Row.FindControl("lblName")).Text;**

**txtMobileNumber.Text = ((Label)e.Row.FindControl("lblMobileNumber")).Text;**

**txtGender.Text = ((Label)e.Row.FindControl("lblGender")).Text;**

**}**

**}**

**}**

**}**