SLIP 16

Q1. USE OF SESSION STATE.

**Session1Ex.aspx**

<%@ 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 product details(product\_Id,name,price,quality)from database edit delete information from grid view

**Aspx:**

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

<!DOCTYPE html>

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

<head runat="server">

<title>Product Details</title>

</head>

<body>

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

<div>

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

DataSourceID="SqlDataSource1" AllowPaging="True"

OnRowEditing="GridView1\_RowEditing" OnRowCancelingEdit="GridView1\_RowCancelingEdit"

OnRowUpdating="GridView1\_RowUpdating" OnRowDeleting="GridView1\_RowDeleting">

<Columns>

<asp:BoundField DataField="product\_Id" HeaderText="Product ID" ReadOnly="True" />

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

<asp:BoundField DataField="price" HeaderText="Price" />

<asp:BoundField DataField="quality" HeaderText="Quality" />

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

</Columns>

</asp:GridView>

<asp:SqlDataSource ID="SqlDataSource1" runat="server"

ConnectionString="<%$ ConnectionStrings:YourConnectionString %>"

SelectCommand="SELECT \* FROM Products"

DeleteCommand="DELETE FROM Products WHERE product\_Id = @product\_Id"

UpdateCommand="UPDATE Products SET name = @name, price = @price, quality = @quality WHERE product\_Id = @product\_Id">

<DeleteParameters>

<asp:Parameter Name="product\_Id" Type="Int32" />

</DeleteParameters>

<UpdateParameters>

<asp:Parameter Name="name" Type="String" />

<asp:Parameter Name="price" Type="Decimal" />

<asp:Parameter Name="quality" Type="Int32" />

<asp:Parameter Name="product\_Id" Type="Int32" />

</UpdateParameters>

</asp:SqlDataSource>

</div>

</form>

</body>

</html>

**Aspx.cs**

**using System;**

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

**namespace YourNamespace**

**{**

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

**{**

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

**{**

**if (!IsPostBack)**

**{**

**GridView1.DataBind();**

**}**

**}**

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

**{**

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

**GridView1.DataBind();**

**}**

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

**{**

**GridView1.EditIndex = -1;**

**GridView1.DataBind();**

**}**

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

**{**

**GridViewRow row = GridView1.Rows[e.RowIndex];**

**int product\_Id = Convert.ToInt32(GridView1.DataKeys[e.RowIndex].Values[0]);**

**string name = ((TextBox)row.Cells[1].Controls[0]).Text;**

**decimal price = Convert.ToDecimal(((TextBox)row.Cells[2].Controls[0]).Text);**

**int quality = Convert.ToInt32(((TextBox)row.Cells[3].Controls[0]).Text);**

**// Update the data in the database using your data access layer or ORM**

**// Example:**

**// YourDataAccessLayer.UpdateProduct(product\_Id, name, price, quality);**

**GridView1.EditIndex = -1;**

**GridView1.DataBind();**

**}**

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

**{**

**int product\_Id = Convert.ToInt32(GridView1.DataKeys[e.RowIndex].Values[0]);**

**// Delete the data in the database using your data access layer or ORM**

**// Example:**

**// YourDataAccessLayer.DeleteProduct(product\_Id);**

**GridView1.DataBind();**

**}**

**}**

**}**