Slip 19

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. Create an ASP.Net application, which shows to the us 5-10 quiz question. All questions have 4 possible option and one eight option exactly. Application counts and sh to the user how many right answers were right and show

the result to user.

Aspx:

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

<!DOCTYPE html>

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

<head runat="server">

<title>Quiz</title>

</head>

<body>

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

<div>

<h2>Quiz</h2>

<asp:Panel ID="pnlQuestions" runat="server">

<asp:Label ID="lblQuestion1" runat="server" Text="1. What is the capital of France?"></asp:Label>

<br />

<asp:RadioButtonList ID="rblOptions1" runat="server">

<asp:ListItem Text="Paris"></asp:ListItem>

<asp:ListItem Text="Berlin"></asp:ListItem>

<asp:ListItem Text="London"></asp:ListItem>

<asp:ListItem Text="Rome"></asp:ListItem>

</asp:RadioButtonList>

<br /><br />

<asp:Label ID="lblQuestion2" runat="server" Text="2. What is the largest planet in our solar system?"></asp:Label>

<br />

<asp:RadioButtonList ID="rblOptions2" runat="server">

<asp:ListItem Text="Earth"></asp:ListItem>

<asp:ListItem Text="Venus"></asp:ListItem>

<asp:ListItem Text="Saturn"></asp:ListItem>

<asp:ListItem Text="Jupiter"></asp:ListItem>

</asp:RadioButtonList>

<br /><br />

<asp:Label ID="lblQuestion3" runat="server" Text="3. Who wrote 'To Kill a Mockingbird'?"></asp:Label>

<br />

<asp:RadioButtonList ID="rblOptions3" runat="server">

<asp:ListItem Text="Harper Lee"></asp:ListItem>

<asp:ListItem Text="J.K. Rowling"></asp:ListItem>

<asp:ListItem Text="Ernest Hemingway"></asp:ListItem>

<asp:ListItem Text="F. Scott Fitzgerald"></asp:ListItem>

</asp:RadioButtonList>

<br /><br />

<asp:Label ID="lblQuestion4" runat="server" Text="4. What is the chemical symbol for water?"></asp:Label>

<br />

<asp:RadioButtonList ID="rblOptions4" runat="server">

<asp:ListItem Text="O2"></asp:ListItem>

<asp:ListItem Text="H2O"></asp:ListItem>

<asp:ListItem Text="CO2"></asp:ListItem>

<asp:ListItem Text="NaCl"></asp:ListItem>

</asp:RadioButtonList>

<br /><br />

<asp:Label ID="lblQuestion5" runat="server" Text="5. What is the largest ocean in the world?"></asp:Label>

<br />

<asp:RadioButtonList ID="rblOptions5" runat="server">

<asp:ListItem Text="Atlantic"></asp:ListItem>

<asp:ListItem Text="Indian"></asp:ListItem>

<asp:ListItem Text="Arctic"></asp:ListItem>

<asp:ListItem Text="Pacific"></asp:ListItem>

</asp:RadioButtonList>

<br /><br />

<asp:Button ID="btnSubmit" runat="server" Text="Submit" OnClick="btnSubmit\_Click" />

</asp:Panel>

<asp:Panel ID="pnlResult" runat="server" Visible="false">

<h2>Quiz Result</h2>

<asp:Label ID="lblResult" runat="server"></asp:Label>

</asp:Panel>

</div>

</form>

</body>

</html>

**Aspx.cs**

using System;

namespace QuizApplication

{

public partial class Quiz : System.Web.UI.Page

{

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

{

if (!IsPostBack)

{

pnlQuestions.Visible = true;

pnlResult.Visible = false;

}

}

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

{

int correctAnswers = 0;

// Check the answers

if (rblOptions1.SelectedValue == "Paris")

correctAnswers++;

if (rblOptions2.SelectedValue == "Jupiter")

correctAnswers++;

if (rblOptions3.SelectedValue == "Harper Lee")

correctAnswers++;

if (rblOptions4.SelectedValue == "H2O")

correctAnswers++;

if (rblOptions5.SelectedValue == "Pacific")

correctAnswers++;

// Display the result

pnlQuestions.Visible = false;

pnlResult.Visible = true;

lblResult.Text = "You answered " + correctAnswers + " out of 5 questions correctly.";

}

}

}