**.slip1**

**Q1**.Write an ASP-net program an State management.

**.aspx**

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

<!DOCTYPE html>

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

<head runat="server">

<title>State Management Demo</title>

</head>

<body>

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

<div>

<asp:Label ID="lblCounter" runat="server" Text="Counter:"></asp:Label>

<br />

<asp:Button ID="btnIncrement" runat="server" Text="Increment" OnClick="btnIncrement\_Click" />

<asp:Button ID="btnReset" runat="server" Text="Reset" OnClick="btnReset\_Click" />

</div>

</form>

</body>

</html>

**aspx.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System;

namespace StateManagementDemo

{

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

{

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

{

if (!IsPostBack)

{

// Check if session variable exists

if (Session["Counter"] == null)

{

// If not, initialize it

Session["Counter"] = 0;

}

// Display current value of the counter

lblCounter.Text = "Counter: " + Session["Counter"].ToString();

}

}

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

{

// Increment the counter value stored in session

Session["Counter"] = Convert.ToInt32(Session["Counter"]) + 1;

// Display updated counter value

lblCounter.Text = "Counter: " + Session["Counter"].ToString();

}

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

{

// Reset the counter value stored in session

Session["Counter"] = 0;

// Display reset counter value

lblCounter.Text = "Counter: " + Session["Counter"].ToString();

}

}

}

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.";

}

}

}