SLIP 7

Q1. WAP to Validate student details Form using Validation Control

**Contact.aspx**

Page Title="Contact" Language="C#" MasterPageFile=\*-/Site. Master" AutoEventWireup="true" CodeBehind "Contact.aspx.cs Inherits="studentForm.Contact">

<asp:Content ID="BodyContent ContentPlaceHolderID="MainContent" runat="server"> <nain aria-labelledby="title">

<h2 id="title"><%: Title > &nbsp;&nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; &nbsp;&; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp;& nbsp;&nbsp;&nbsp;&nbsp;

<asp:Label ID="Labell" runat="server" Text="Registration Forn"></asp:Label>

</h2>

<p>UserName: &nbsp;&nbsp;&nbsp; &nbsp; &nbsp; &nbsp; &nbsp; <asp:TextBox ID="TextBox1" runat="server" Height="18px"

Midth="146px"></asp:TextBox>

<asp:RequiredFieldValidator ID="RequiredFieldValidatorl" runat="server" ControlToValidate="TextBox1" Display \*Dynanic" ErrorMessage "RequiredFieldValidator" ForeColor="Red" SetFocusOnError="True">enter name</asp:RequiredFieldValidator>

</p>

<p>Password:

<asp:TextBox ID="TextBox6" runat="server"></asp:TextBox>

</p>

<p>Confirm Password:

<asp:TextBox ID=\*TextBox7" runat="server"></asp:TextBox>

<asp:Comparevalidator ID="CompareValidatorl runat="server" ControlToCompare="TextBox6" ControlToValidate="TextBox7" Display="Dynamic"

ErrorMessage="Password and Confirn ForeColor="Red" SetFocusOnError="True">Password Missatched</asp:CompareValidator>

</p>

<p>Address:&nbsp;&nbsp;&nbsp;&nbsp; <asp:TextBox ID="TextBox2"

runat="server"></asp:TextBox>

</p>

<p>DOB &nbsp; &nbsp; &nbsp; &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; <asp:TextBox

ID="TextBox3" runat="server"></asp:TextBox>

<asp: RangeValidator ID="RangeValidator1" runat="server"

ControlToValidate="TextBox3" Display="Dynamic" ErrorMessage="age between 18 to

45" ForeColor="Red" SetFocusOnError="True" Type=\*Date">Age not in

range</asp: RangeValidator>

</p>

p>Email ID :&nbsp;&nbsp;&nbsp;&nbsp;

<

<asp:TextBox ID="TextBox4" runat="server"></asp:TextBox>

<asp: RegularExpressionValidator ID="RegularExpressionValidatorl

runat="server" ControlToValidate="TextBox4" Display="Dynamic" Errorfñessages enail id is incorrect format ForeColor="#FF3300" SetFocus On Error="True"

ValidationExpression=\*\w+([-.]\w+)\*@\w+([-.]\w+)\*\.\w+([-]\w+)\*\*>invalid

enailid</asp: RegularExpressionValidator>

</p>

<asp:TextBox ID="TextBox5" runat="server"></asp:TextBox>

<asp: RegularExpressionValidator ID="RegularExpressionValidator2"

<p>Mobile No:

runat="server" ControlToValidate="TextBox5" Display="Dynamic

ErrorMessage="RegularExpressionValidator" ForeColor="Red" SetFocusOnError="True" ValidationExpression=\*\d{10}">invalid number</asp: RegularExpressionValidator>

|  |  |
| --- | --- |
|  |  |

</p>

<p>

<asp:Button ID="submit" runat="server" Text="Submit" />

</p>

</main>

</asp:Content>

**contact.aspx.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace studentForn

{

public partial class Contact: Page {

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

{ RangeValidatorl. MinimumValue = DateTime.Now. AddYears(- ToShortDateString(); 45).

RangeValidatorl. MaximumValue = DateTime.Now.AddYears(-18) ToShortDateString();

}

}

}

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.";

}

}

}