Slip 18

Q1.

**Q2. 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. 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();**

**}**

**}**

**}**