


```
h2 {
    text-align: center;
    margin-bottom: 30px;
    font-style: italic;
}

table {
    width: 100%;
    border-spacing: 10px;
}

td {
    padding: 8px;
}

input[type="text"], input[type="date"], select, .aspNetTextBox {
    width: 100%;
    padding: 6px;
    font-size: 14px;
    box-sizing: border-box;
}

.btn-group {
    text-align: center;
    margin-top: 20px;
}

.btn {
    background-color: black;
    color: white;
    border: none;
    padding: 10px 25px;
    margin: 5px;
    cursor: pointer;
    font-weight: bold;
}

.btn:hover {
    background-color: #444;
}

.error {
    color: red;
    font-size: 12px;
}

.auto-style1 {
    width: 123px;
}
```

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        .auto-style2 {
            padding: 6px;
            font-size: 14px;
            box-sizing: border-box;
        }

        .auto-style3 {
            width: 229px;
        }

        .grid-container {
            margin-top: 30px;
            width: 100%;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server">
        <div class="form-container">
            <h2>New Student Details</h2>
            <table>
                <!-- Form fields for student details -->
                <tr>
                    <td class="auto-style1">Name:</td>
                    <td><asp:TextBox ID="txtName" runat="server" CssClass="auto-style2"
Width="95px" /></td>
                    <td class="auto-style3">Father's Name:</td>
                    <td><asp:TextBox ID="txtFatherName" runat="server"
CssClass="auto-style2" Width="73px" /></td>
                </tr>
                <tr>
                    <td class="auto-style1">Age:</td>
                    <td><asp:TextBox ID="txtAge" runat="server"
CssClass="aspNetTextBox" /></td>
                    <td class="auto-style3">DOB (dd/mm/yyyy):</td>
                    <td><asp:TextBox ID="txtDOB" runat="server"
CssClass="aspNetTextBox" /></td>
                </tr>
                <tr>
                    <td class="auto-style1">Address:</td>
                    <td><asp:TextBox ID="txtAddress" runat="server"
CssClass="aspNetTextBox" /></td>
                    <td class="auto-style3">Phone:</td>
                    <td><asp:TextBox ID="txtPhone" runat="server"
CssClass="aspNetTextBox" /></td>
                </tr>
                <tr>
                    <td class="auto-style1">Email ID:</td>
                    <td><asp:TextBox ID="txtEmail" runat="server"
CssClass="aspNetTextBox" /></td>

```

	<pre> <td >="" ><="" >aadhar="" >branch:<="" >class="" >course:<="" >roll="" <="" <!--="" <asp:button="" <asp:dropdownlist="" <asp:listitem>b.sc<="" <asp:listitem>b.tech<="" <asp:listitem>bca<="" <asp:listitem>computer="" <asp:listitem>electronics<="" <asp:listitem>information="" <div="" <tr>="" -->="" <="" <td="" <td>="" <td><asp:textbox="" asp:dropdownlist>="" asp:listitem>="" buttons="" class="btn-group" cssclass="btn" delete="" div>="" for="" id="btnClear" no:<="" onclick="btnClear_Click" pre="" runat="server" science<="" submit,="" table>="" td>="" technology<="" text="Clear" tr>="" update,="" x(%):<="" xii(%):<=""> </td></pre>	
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<!-- GridView to display student details -->
<div class="grid-container">
    <asp:GridView ID="GridView1" runat="server"
AutoGenerateColumns="False" Height="200px"
OnRowCommand="GridView1_RowCommand1"
    OnSelectedIndexChanged="GridView1_SelectedIndexChanged"
Width="918px">
        <Columns>
            <asp:TemplateField HeaderText="Roll No">
                <ItemTemplate>
                    <asp:Label ID="Label1" runat="server" Text='<%#
Eval("std_RollNo") %>'></asp:Label>
                </ItemTemplate>
            </asp:TemplateField>
            <asp:TemplateField HeaderText="Name">
                <ItemTemplate>
                    <asp:Label ID="Label2" runat="server" Text='<%#
Eval("std_Name") %>'></asp:Label>
                </ItemTemplate>
            </asp:TemplateField>
            <asp:TemplateField HeaderText="Father's Name">
                <ItemTemplate>
                    <asp:Label ID="Label3" runat="server" Text='<%#
Eval("std_Father_name") %>'></asp:Label>
                </ItemTemplate>
            </asp:TemplateField>
            <asp:TemplateField HeaderText="Course">
                <ItemTemplate>
                    <asp:Label ID="Label4" runat="server" Text='<%#
Eval("std_Course") %>'></asp:Label>
                </ItemTemplate>
            </asp:TemplateField>
            <asp:TemplateField HeaderText="Branch">
                <ItemTemplate>
                    <asp:Label ID="Label5" runat="server" Text='<%#
Eval("std_Branch") %>'></asp:Label>
                </ItemTemplate>
            </asp:TemplateField>
            <asp:TemplateField HeaderText="Edit">
                <ItemTemplate>
                    <asp:LinkButton ID="LinkButton1" runat="server"
CommandArgument='<%# Eval("std_Id") %>'
CommandName="cmd_edt">Edit</asp:LinkButton>
                </ItemTemplate>
            </asp:TemplateField>
            <asp:TemplateField HeaderText="Delete">
                <ItemTemplate>
                    <asp:LinkButton ID="LinkButton2" runat="server"
CommandArgument='<%# Eval("std_Id") %>'>Delete</asp:LinkButton>
                </ItemTemplate>
            </asp:TemplateField>
        </Columns>
    </asp:GridView>
</div>

```

	<pre> </asp:TemplateField> </Columns> </asp:GridView> </div> </form> </body> </html> </pre>
behind:	<pre> using System; using System.Data; using System.Web.UI.WebControls; namespace StudentDetails { public partial class WebForm1 : System.Web.UI.Page { Studentdetails cs; DataSet ds; protected void Page_Load(object sender, EventArgs e) { if (!IsPostBack) { fillGrid(); } } void getCon() { cs = new Studentdetails(); cs.startCon(); } void fillGrid() { getCon(); ds = cs.FillData(); GridView1.DataSource = ds; GridView1.DataBind(); } void fillText() { getCon(); ds = cs.Select(Convert.ToInt32(ViewState["id"])); DataRow row = ds.Tables[0].Rows[0]; </pre>

	<pre> txtRollNo.Text = row["std_RollNo"].ToString(); txtName.Text = row["std_Name"].ToString(); txtAge.Text = row["std_Age"].ToString(); txtAddress.Text = row["std_Address"].ToString(); txtEmail.Text = row["std_Email"].ToString(); txtClassX.Text = row["std_ClassX"].ToString(); txtClassXII.Text = row["std_ClassXII"].ToString(); ddlBranch.SelectedValue = row["std_Branch"].ToString(); txtFatherName.Text = row["std_Father_name"].ToString(); txtDOB.Text = Convert.ToDateTime(row["std_DOB"]).ToString("yyyy-MM-dd"); txtPhone.Text = row["std_Phone"].ToString(); txtAadhar.Text = row["std_Adhar_no"].ToString(); ddlCourse.SelectedValue = row["std_Course"].ToString(); } protected void GridView1_RowCommand(object sender, GridViewCommandEventArgs e) { } protected void btnSubmit_Click(object sender, EventArgs e) { getCon(); if (btnSubmit.Text == "Save") { cs.Insert(txtRollNo.Text, txtName.Text, txtAge.Text, txtAddress.Text, txtEmail.Text, txtClassX.Text, txtClassXII.Text, ddlBranch.SelectedValue, txtFatherName.Text, txtDOB.Text, txtPhone.Text, txtAadhar.Text, ddlCourse.SelectedValue); } else { cs.Update(Convert.ToInt32(ViewState["id"]), txtRollNo.Text, txtName.Text, txtAge.Text, txtAddress.Text, txtEmail.Text, txtClassX.Text, txtClassXII.Text, ddlBranch.SelectedValue, txtFatherName.Text, txtDOB.Text, txtPhone.Text, txtAadhar.Text, ddlCourse.SelectedValue); btnSubmit.Text = "Save"; } fillGrid(); clearFields(); } </pre>
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	<pre>void clearFields() { txtRollNo.Text = ""; txtName.Text = ""; txtAge.Text = ""; txtAddress.Text = ""; txtEmail.Text = ""; txtClassX.Text = ""; txtClassXII.Text = ""; ddlBranch.SelectedValue = null; txtFatherName.Text = ""; txtDOB.Text = ""; txtPhone.Text = ""; txtAadhar.Text = ""; ddlCourse.SelectedValue = ""; } protected void btnClear_Click(object sender, EventArgs e) { clearFields(); } protected void btnDelete_Click(object sender, EventArgs e) { getCon(); cs.Delete(Convert.ToInt32(ViewState["id"])); fillGrid(); clearFields(); } protected void btnUpdate_Click(object sender, EventArgs e) { } protected void GridView1_SelectedIndexChanged(object sender, EventArgs e) { } protected void GridView1_RowCommand1(object sender, GridViewCommandEventArgs e) { if (e.CommandName == "cmd_edit") { int id = Convert.ToInt32(e.CommandArgument); ViewState["id"] = id; btnSubmit.Text = "Update"; fillText(); } }</pre>
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	<pre> } } } </pre>
class:	<pre> using System; using System.Data.SqlClient; using System.Data; using System.Configuration; namespace StudentDetails { public class Studentdetails { string s = ConfigurationManager.ConnectionStrings["db"].ConnectionString; SqlConnection con; SqlCommand cmd; SqlDataAdapter da; DataSet ds; public SqlConnection startCon() { con = new SqlConnection(s); con.Open(); return con; } public void Insert(string rollNo, string name, string age, string address, string email, string classX, string classXII, string branch, string fatherName, string dob, string phone, string adharNo, string course) { con = startCon(); string query = "INSERT INTO student_tbl (std_RollNo, std_Name, std_Age, std_Address, std_Email, std_ClassX, std_ClassXII, " + "std_Branch, std_Father_name, std_DOB, std_Phone, std_Adhar_no, std_Course) VALUES ('" + rollNo + "', '" + name + "', '" + age + "', '" + address + "', '" + email + "', '" + classX + "', '" + classXII + "', '" + branch + "', '" + fatherName + "', '" + dob + "', '" + phone + "', '" + adharNo + "', '" + course + "')"; cmd = new SqlCommand(query, con); cmd.ExecuteNonQuery(); con.Close(); } public void Update(int id, string rollNo, string name, string age, string address, string email, string classX, string classXII, string branch, string fatherName, string dob, string phone, string adharNo, string course) </pre>

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        {
            con = startCon();
            string query = "UPDATE student_tbl SET std_RollNo=" + rollNo + ",
std_Name=" + name + ", std_Age=" + age + ", std_Address=" + address + ", " +
                "std_Email=" + email + ", std_ClassX=" + classX + ",
std_ClassXII=" + classXII + ", std_Branch=" + branch + ", " +
                "std_Father_name=" + fatherName + ", std_DOB=" + dob + ",
std_Phone=" + phone + ", " +
                "std_Adhar_no=" + adharNo + ", std_Course=" + course + "
WHERE std_Id=" + id + """;
            cmd = new SqlCommand(query, con);
            cmd.ExecuteNonQuery();
            con.Close();
        }

        public void Delete(int id)
        {
            con = startCon();
            string query = "DELETE FROM student_tbl WHERE std_Id=" + id + """;
            cmd = new SqlCommand(query, con);
            cmd.ExecuteNonQuery();
            con.Close();
        }

        public DataSet FillData()
        {
            con = startCon();
            string query = "SELECT * FROM student_tbl";
            da = new SqlDataAdapter(query, con);
            ds = new DataSet();
            da.Fill(ds);
            con.Close();
            return ds;
        }

        public DataSet Select(int id)
        {
            con = startCon();
            string query = "SELECT * FROM student_tbl WHERE std_Id=" + id + """;
            da = new SqlDataAdapter(query, con);
            ds = new DataSet();
            da.Fill(ds);
            con.Close();
            return ds;
        }
    }
}

```

New Student Details			
Name:	<input type="text"/>	Father's Name:	<input type="text"/>
Age:	<input type="text"/>	DOB (dd/mm/yyyy):	<input type="text"/>
Address:	<input type="text"/>	Phone:	<input type="text"/>
Email ID:	<input type="text"/>	Class X(%)	<input type="text"/>
Class XII(%)	<input type="text"/>	Aadhar No:	<input type="text"/>
Roll No:	<input type="text"/>	Course:	B.Tech <input type="button" value="v"/>
Branch:	Computer Science <input type="button" value="v"/>		
<input type="button" value="Submit"/> <input type="button" value="Delete"/> <input type="button" value="Clear"/>			

2.	<p>Q-2 Create registration form given below. (Give Proper validation)</p> <p style="text-align: center;">Registration Form</p> <p>Username <input type="text"/></p> <p>Password <input type="password"/></p> <p>Confirm Password <input type="password"/></p> <p>FirstName <input type="text"/></p> <p>LastName <input type="text"/></p> <p>Email <input type="text"/></p> <p>Phone No <input type="text"/></p> <p>Location <input type="text"/></p> <p style="text-align: center;"> <input type="button" value="Save"/> <input type="button" value="Reset"/> </p>
code:	<pre> <%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="TSEE2.WebForm1" %> <!DOCTYPE html> <html xmlns="http://www.w3.org/1999/xhtml"> <head> <title>Registration Form</title> </head> </pre>

```

<body>
  <form id="form1" runat="server">
    <h3 style="text-align:center;">Registration Form</h3>
    <div style="width:300px; margin:auto;">
      <asp:Label ID="lblUsername" runat="server"
Text="Username"></asp:Label><br />
      <asp:TextBox ID="txtUsername" runat="server"></asp:TextBox>
      <asp:RequiredFieldValidator ID="rfvUsername" runat="server"
ControlToValidate="txtUsername" ErrorMessage="Required!" ForeColor="Red"
Display="Dynamic" /><br />

      <asp:Label ID="lblPassword" runat="server"
Text="Password"></asp:Label><br />
      <asp:TextBox ID="txtPassword" runat="server"
TextMode="Password"></asp:TextBox>
      <asp:RequiredFieldValidator ID="rfvPassword" runat="server"
ControlToValidate="txtPassword" ErrorMessage="Required!" ForeColor="Red"
Display="Dynamic" /><br />

      <asp:Label ID="lblConfirmPassword" runat="server" Text="Confirm
Password"></asp:Label><br />
      <asp:TextBox ID="txtConfirmPassword" runat="server"
TextMode="Password"></asp:TextBox>
      <asp:CompareValidator ID="cvPassword" runat="server"
ControlToCompare="txtPassword" ControlToValidate="txtConfirmPassword"
ErrorMessage="Passwords do not match!" ForeColor="Red" Display="Dynamic"
/><br />

      <asp:Label ID="lblFirstName" runat="server" Text="First
Name"></asp:Label><br />
      <asp:TextBox ID="txtFirstName" runat="server"></asp:TextBox>
      <asp:RequiredFieldValidator ID="rfvFirstName" runat="server"
ControlToValidate="txtFirstName" ErrorMessage="Required!" ForeColor="Red"
Display="Dynamic" /><br />

      <asp:Label ID="lblLastName" runat="server" Text="Last
Name"></asp:Label><br />
      <asp:TextBox ID="txtLastName" runat="server"></asp:TextBox><br />

      <asp:Label ID="lblEmail" runat="server" Text="Email"></asp:Label><br />
      <asp:TextBox ID="txtEmail" runat="server"></asp:TextBox>
      <asp:RegularExpressionValidator ID="revEmail" runat="server"
ControlToValidate="txtEmail"
ErrorMessage="Invalid Email!" ForeColor="Red"
ValidationExpression="^\w+@[a-zA-Z_]+?\.[a-zA-Z]{2,3}$"
Display="Dynamic" /><br />

      <asp:Label ID="lblPhone" runat="server" Text="Phone
No"></asp:Label><br />
      <asp:TextBox ID="txtPhone" runat="server"></asp:TextBox>

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	<pre> <asp:RegularExpressionValidator ID="revPhone" runat="server" ControlToValidate="txtPhone" ErrorMessage="Invalid phone number!" ForeColor="Red" ValidationExpression="\d{10}\$" Display="Dynamic" />
 <asp:Label ID="lblLocation" runat="server" Text="Location"></asp:Label>
 <asp:TextBox ID="txtLocation" runat="server"></asp:TextBox>

 <asp:Button ID="btnSave" runat="server" Text="Save" OnClick="btnSave_Click" /> <asp:Button ID="btnReset" runat="server" Text="Reset" OnClick="btnReset_Click" /> </div> </form> </body> </html> </pre>
Behind:	<pre> using System; using System.Collections.Generic; using System.Linq; using System.Web; using System.Web.UI; using System.Web.UI.WebControls; namespace TSEE2 { public partial class WebForm1 : System.Web.UI.Page { protected void Page_Load(object sender, EventArgs e) { } protected void btnSave_Click(object sender, EventArgs e) { } protected void btnReset_Click(object sender, EventArgs e) { } } } </pre>