```
//1
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Student Name Form</title>
 </head>
 <body>
  <h2>Student Name Form</h2>
  <form id="studentForm" onsubmit="return validateForm()">
   <label for="studentName">Student Name:</label>
   <input type="text" id="studentName" name="studentName" />
   <button type="submit">Submit</button>
  </form>
  <!--div id="output"></div-->
  <script>
   function validateForm() {
    // Get the value of the input field
    var name = document.getElementById("studentName").value;
    // Check if the name is empty
    if (name.trim() === "") {
     //displayMessage("Please enter a name.");
     alert("Please enter a name.");
     return false;
    }
    // Check if the name contains special characters
    var specialChars = /[!@#$%^&*(),.?":{}]<>0-9]/;
    if (specialChars.test(name)) {
     alert("Special characters or numbers are not allowed in the name.");
     return false;
    }
    // If all validations pass, show success message
    alert("Name submitted successfully: " + name);
    return true;
    /*function displayMessage(message) {
     var outputDiv = document.getElementById("output");
     outputDiv.innerText = message;
    }*/
   }
  </script>
 </body>
</html>
//2
```

<!DOCTYPE html> <html lang="en">

<head>

```
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<title>Contact Number Form</title>
</head>
<body>
<h2>Contact Number Form</h2>
<form id="contactForm" onsubmit="return validateForm()">
  <label for="contactNumber">Contact Number:</label>
  <input
   type="text"
   id="contactNumber"
   name="contactNumber"
   placeholder="Enter your contact number"
 />
 <button type="submit">Submit</button>
 </form>
<!-- <div id="output"></div> -->
<script>
 function validateForm() {
  // Get the value of the input field
   var contactNumber = document.getElementById("contactNumber").value;
   // Check if the contact number is empty
   if (contactNumber.trim() === "") {
    // displayMessage('Please enter a contact number.');
    alert("Please enter a contact number.");
    return false;
   }
   // Check if the contact number contains only digits and is of valid length
   var numericChars = /^[0-9]+$/;
   if (!numericChars.test(contactNumber) | | contactNumber.length !== 10) {
    // displayMessage('Please enter a valid 10-digit contact number.');
    alert("Please enter a valid 10-digit contact number.");
    return false;
   }
   // If all validations pass, show success message
   // displayMessage('Contact number submitted successfully: ' + contactNumber);
   alert("Contact number submitted successfully: " + contactNumber);
   return true;
  }
 // function displayMessage(message) {
 // var outputDiv = document.getElementById('output');
 // outputDiv.innerText = message;
 //}
</script>
</body>
```

```
//3
<!DOCTYPE html>
<html lang="en">
 <head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Email Address Form</title>
 </head>
 <body>
  <h2>Email Address Form</h2>
  <form id="emailForm" onsubmit="return validateForm()">
   <label for="emailAddress">Email Address:</label>
   <input
    type="text"
    id="emailAddress"
    name="emailAddress"
    placeholder="Enter your email address"
   />
   <button type="submit">Submit</button>
  </form>
  <!-- <div id="output"></div> -->
  <script>
   function validateForm() {
    // Get the value of the input field
    var emailAddress = document.getElementById("emailAddress").value;
    // Check if the email address is empty
    if (emailAddress.trim() === "") {
     // displayMessage('Please enter an email address.');
     alert("Please enter an email address.");
     return false;
    }
    // Check if the email address format is valid
    var emailFormat = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
    if (!emailFormat.test(emailAddress)) {
     // displayMessage('Please enter a valid email address.');
     alert("Please enter a valid email address.");
     return false;
    }
    // If all validations pass, show success message
    // displayMessage('Email address submitted successfully: ' + emailAddress);
    alert("Email address submitted successfully: " + emailAddress);
    return true;
   }
```

```
// function displayMessage(message) {
 // var outputDiv = document.getElementById('output');
 // outputDiv.innerText = message;
 //}
</script>
</body>
</html>
//6
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<title>Document</title>
</head>
<body>
Day
 Seminar
 Schedule
 Topic
 Begin
 End
 Monday
 8:00 a.m.
 5:00 p.m.
 Introduction to XML
 Validity: DTD and Relax NG
 Tuesday
 8:00 a.m.
 11:00 a.m.
 XPath
 11:00 a.m.
 2:00 p.m.
 2:00 p.m.
 5:00 p.m.
```

```
XSL Transformations
   Wednesday
   8:00 a.m.
   12:00 p.m.
   XSL Formatting Objects
  </body>
</html>
//7
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8" />
 <meta name="viewport" content="width=device-width, initial-scale=1.0" />
 <title>About my College</title>
  <style>
  body {
   margin: 0;
   padding: 0;
   background: url("3.jpg") no-repeat center center fixed;
   background-size: cover;
   font-family: Arial, sans-serif;
   color: #333;
  }
   .container {
   max-width: 800px;
   margin: 50px auto;
   padding: 40px;
   background-color: rgba(255, 255, 255, 0.9); /* Light gray background */
   border-radius: 20px;
   box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1); /* Subtle shadow */
   text-align: center;
   }
  h1 {
   font-size: 36px;
   margin-bottom: 20px;
  }
  p {
   font-size: 18px;
   margin-bottom: 30px;
  }
   .course {
   font-size: 24px;
   margin: 15px 0;
   font-weight: bold;
  }
   .course.red {
```

```
color: #ff6347; /* Tomato red */
   }
   .course.blue {
    color: #1e90ff; /* Dodger blue */
   }
   .course.green {
    color: #2e8b57; /* Sea green */
   .scrolling-text p {
    font-size: 20px;
    white-space: nowrap;
    overflow: hidden;
    animation: scrollText 15s linear infinite;
   }
   @keyframes scrollText {
    0% {
     transform: translateX(100%);
    }
    100% {
     transform: translateX(-100%);
  </style>
 </head>
 <body>
  <div class="container">
   <h1>Dr. J. J. Magdum College of Engineering</h1>
    Gat No. 314/330, Shirol - Wadi Road, Agar Bhag, Jaysingpur, Maharashtra
    416101
   <div class="courses">
    <div class="course red">Computer Science</div>
    <div class="course blue">Engineering</div>
    <div class="course green">Business Administration</div>
    <!-- Add more dummy courses below -->
    <div class="course red">Art & Design</div>
    <div class="course blue">Psychology</div>
    <div class="course green">Hospitality Management</div>
   </div>
   <div class="scrolling-text">
    >
     Welcome to Dr. J. J. Magdum College of Engineering! Explore our
     programs and facilities.
    </div>
  </div>
 </body>
</html>
```

```
<html>
 <head>
  <title>Registration Form</title>
 </head>
 <body>
  <form align="center" id="registrationForm">
   <h2>Registration Form</h2>
   <label
    for="username"
    style="display: inline-block; width: 120px; text-align: right"
    >Username:</label
   <input
    type="text"
    id="username"
    name="username"
    style="width: 200px"
    placeholder="Username"
    required
   /><br /><br />
   <label
    for="password"
    style="display: inline-block; width: 120px; text-align: right"
    >Password:</label
   >
   <input
    type="password"
    id="password"
    name="password"
    style="width: 200px"
    placeholder="Password"
    required
   /><br /><br />
   <label
    for="confirm_password"
    style="display: inline-block; text-align: right"
    >Confirm Password:</label
   >
   <input
    type="password"
    id="confirm_password"
    name="confirm_password"
    style="width: 200px"
    placeholder="Confirm Password"
    required
   /><br /><br />
   <label
```

```
for="firstname"
 style="display: inline-block; width: 120px; text-align: right"
 >First Name:</label >
<input
 type="text"
 id="firstname"
 name="firstname"
 style="width: 200px"
 placeholder="First Name"
 required
/><br /><br />
<label
 for="lastname"
 style="display: inline-block; width: 120px; text-align: right"
 >Last Name:</label >
<input
 type="text"
 id="lastname"
 name="lastname"
 style="width: 200px"
 placeholder="Last Name"
 required /><br /><br />
<label
 for="email"
 style="display: inline-block; width: 120px; text-align: right"
 >Email:</label >
<input
 type="email"
 id="email"
 name="email"
 style="width: 200px"
 placeholder="Email"
 required /><br /><br />
<label
 for="phone"
 style="display: inline-block; width: 120px; text-align: right"
 >Phone No:</label
>
<input
 type="tel"
 id="phone"
 name="phone"
 style="width: 200px"
 placeholder="Phone No"
 required
/><br /><br />
<label
```

```
for="location"
    style="display: inline-block; width: 120px; text-align: right"
    >Location:</label>
   <input
    type="text"
    id="location"
    name="location"
    style="width: 200px"
    placeholder="Location"
    required/><br /><br />
   <button type="submit" style="margin-left: 120px">Save</button>
   <button type="reset">Reset</button>
  </form>
<script>
   // Password check
   document
    .getElementById("registrationForm")
    .addEventListener("submit", function (event) {
     var password = document.getElementById("password").value;
     var confirmPassword =
      document.getElementById("confirm_password").value;
     if (password !== confirmPassword) {
      alert("Passwords do not match");
      event.preventDefault(); // Prevent form submission
     } else {
      alert("Data submitted successfully!");
     }
    });
   // Email check
   document.getElementById("email").addEventListener("blur", function () {
    var email = this.value;
    var emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
    if (!emailRegex.test(email)) {
     alert("Invalid email address");
     this.focus();
    }
   });
// Phone number check
   document.getElementById("phone").addEventListener("blur", function () {
    var phone = this.value;
    var phoneRegex = /^\d{10}$/; // Assuming phone number is 10 digits
    if (!phoneRegex.test(phone)) {
     alert("Invalid phone number");
     this.focus();
    }
   });
  </script>
 </body>
</html>
```

```
//4
Sql query:
CREATE TABLE Employees (
  EmployeeID INT PRIMARY KEY,
  EmployeeName VARCHAR(255) NOT NULL,
  EmployeeDepartment VARCHAR(255),
  EmployeeContactNumber VARCHAR(20),
  EmployeeSalary DECIMAL(10, 2)
);
--IDENTITY in EmployeeID
--drop table Employees;
--select * from Employees;
--truncate table Employees;
--INSERT into Employees values( 2, 'Ram kagle', 'MBA', '9822227420', 10000);
Web.config:
<connectionStrings>
  <add name="ApplicationServices" connectionString="Data Source=DESKTOP-MBIAOPI;Initial
Catalog=employee;Integrated Security=True" providerName="System.Data.SqlClient" />
  <add name="myConString" connectionString="Data Source=DESKTOP-MBIAOPI;Initial
Catalog=employee;Integrated Security=True" providerName="System.Data.SqlClient"/>
 </connectionStrings>
Webform.aspx:
<@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="WebApplication1.WebForm1" %>
<!DOCTYPE html>
<a href="http://www.w3.org/1999/xhtml">
<head runat="server">
 <title>Employee Information</title>
    label{font-weight:bold;display:block;margin-bottom:.5em}
    input[type=text]{width:calc(100% - 2em);padding:.5em;margin-bottom:1em;border:1px solid
#ccc;border-radius:4px;box-sizing:border-box}
    input[type=submit]{background:#4CAF50;color:#fff;padding:.5em 1em;border:none;border-
radius:4px;cursor:pointer;font-size:16px}
    input[type=submit]:hover{background:#45a049}
    table{width:100%;border-collapse:collapse;margin:.5em 0}
    th,td{padding:.8em;border-bottom:1px solid #ddd}
    th{background:#f2f2f2}
  </style>
</head>
<body>
  <form id="form1" runat="server">
    <label for="txtEmployeeID">Employee ID:</label>
    <asp:TextBox ID="txtEmployeeID" runat="server"></asp:TextBox>
```

```
<label for="txtEmployeeName">Employee Name:</label>
    <asp:TextBox ID="txtEmployeeName" runat="server"></asp:TextBox>
    <label for="txtDepartment">Department:</label>
    <asp:TextBox ID="txtDepartment" runat="server"></asp:TextBox>
    <label for="txtContactNumber">Contact Number:</label>
    <asp:TextBox ID="txtContactNumber" runat="server"></asp:TextBox>
    <label for="txtSalary">Salary:</label>
    <asp:TextBox ID="txtSalary" runat="server"></asp:TextBox>
    <asp:Button ID="btnSubmit" runat="server" Text="Submit" OnClick="btnSubmit_Click" />
    <asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="false">
        <Columns>
          <asp:BoundField DataField="EmployeeID" HeaderText="Employee ID" />
          <asp:BoundField DataField="EmployeeName" HeaderText="Employee Name" />
          <asp:BoundField DataField="EmployeeDepartment" HeaderText="Department" />
          <asp:BoundField DataField="EmployeeContactNumber" HeaderText="Contact Number"
/>
          <asp:BoundField DataField="EmployeeSalary" HeaderText="Salary" />
        </Columns>
      </asp:GridView>
    </form>
</body>
</html>
Webform.aspx.cs:
using System;
using System.Configuration;
using System.Data.SqlClient;
using System.Data;
using System.Web.UI.WebControls;
namespace WebApplication1
  public partial class WebForm1 : System.Web.UI.Page
    protected void Page_Load(object sender, EventArgs e)
      if (!IsPostBack)
        // Load data into the GridView when the page loads initially
        BindGridView();
      }
    }
```

```
protected void btnSubmit_Click(object sender, EventArgs e)
      // Get the input values from the textboxes
      int employeeID = Convert.ToInt32(txtEmployeeID.Text);
      string employeeName = txtEmployeeName.Text;
      string department = txtDepartment.Text;
      string contactNumber = txtContactNumber.Text;
      decimal salary = Convert.ToDecimal(txtSalary.Text);
      // Insert the data into the database
      InsertEmployee(employeeID, employeeName, department, contactNumber, salary);
      // Re-bind the GridView to show the updated data
      BindGridView();
      // Clear input fields after submission
      ClearInputFields();
    }
    private void InsertEmployee(int employeeID, string employeeName, string department, string
contactNumber, decimal salary)
      // Connection string from web.config
      string connectionString =
ConfigurationManager.ConnectionStrings["myConString"].ConnectionString;
      // SQL command to insert data
      string sql = "INSERT INTO Employees (EmployeeID, EmployeeName, EmployeeDepartment,
EmployeeContactNumber, EmployeeSalary) VALUES (@EmployeeID, @EmployeeName,
@Department, @ContactNumber, @Salary)";
      // Establish connection and command objects
      using (SqlConnection con = new SqlConnection(connectionString))
        using (SqlCommand cmd = new SqlCommand(sql, con))
          // Add parameters to the command
          cmd.Parameters.AddWithValue("@EmployeeID", employeeID);
          cmd.Parameters.AddWithValue("@EmployeeName", employeeName);
          cmd.Parameters.AddWithValue("@Department", department);
          cmd.Parameters.AddWithValue("@ContactNumber", contactNumber);
          cmd.Parameters.AddWithValue("@Salary", salary);
          // Open connection, execute command, and close connection
          con.Open();
          cmd.ExecuteNonQuery();
        }
     }
    }
```

```
private void BindGridView()
      // Connection string from web.config
      string connectionString =
ConfigurationManager.ConnectionStrings["myConString"].ConnectionString;
      // SQL query to select all employees
      string sql = "SELECT EmployeeID, EmployeeName, EmployeeDepartment,
EmployeeContactNumber, EmployeeSalary FROM Employees";
      // Establish connection, command, and data adapter objects
      using (SqlConnection con = new SqlConnection(connectionString))
        using (SqlCommand cmd = new SqlCommand(sql, con))
          using (SqlDataAdapter da = new SqlDataAdapter(cmd))
            // Create a DataSet to hold the retrieved data
            DataSet ds = new DataSet();
            da.Fill(ds);
            GridView1.DataSource = ds;
            GridView1.DataBind();
        }
      }
    private void ClearInputFields()
    {
      // Clear input fields after submission
      txtEmployeeID.Text = "";
      txtEmployeeName.Text = "";
      txtDepartment.Text = "";
      txtContactNumber.Text = "";
      txtSalary.Text = "";
    }
  }
5//
Sql query:
CREATE TABLE employee Info (
  EmployeeID INT PRIMARY KEY,
  EmployeeName VARCHAR(255) NOT NULL,
  Department VARCHAR(255),
  ContactNumber VARCHAR(20),
  Salary DECIMAL(10, 2)
);
--IDENTITY in EmployeeID
```

```
--drop table Employees;
--select * from Employees;
--truncate table Employees;
--INSERT into Employees values(2, 'Ram kagle', 'MBA', '9822227420', 10000);
drop table employee Info;
Web.config:
<connectionStrings>
  <add name="ApplicationServices" connectionString="Data Source=DESKTOP-MBIAOPI;Initial
Catalog=employee;Integrated Security=True" providerName="System.Data.SqlClient" />
  <add name="myConString" connectionString="Data Source=DESKTOP-MBIAOPI;Initial
Catalog=employee;Integrated Security=True" providerName="System.Data.SqlClient"/>
 </connectionStrings>
WebForm1.aspx:
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"</p>
Inherits="WebApplication1.WebForm1" %>
<!DOCTYPE html>
<a href="http://www.w3.org/1999/xhtml">
<head runat="server">
 <title>Employee Information</title>
  <style>
    label{font-weight:bold;display:block;margin-bottom:.5em}
    input[type=text]{width:calc(100% - 2em);padding:.5em;margin-bottom:1em;border:1px solid
#ccc;border-radius:4px;box-sizing:border-box}
    input[type=submit]{background:#4CAF50;color:#fff;padding:.5em 1em;border:none;border-
radius:4px;cursor:pointer;font-size:16px}
    input[type=submit]:hover{background:#45a049}
    table{width:100%;border-collapse:collapse;margin:.5em 0}
    th,td{padding:.8em;border-bottom:1px solid #ddd}
    th{background:#f2f2f2}
  </style>
</head>
<body>
  <form id="form1" runat="server">
    <label for="txtEmployeeID">Employee ID:</label>
    <asp:TextBox ID="txtEmployeeID" runat="server"></asp:TextBox>
    <label for="txtEmployeeName">Employee Name:</label>
    <asp:TextBox ID="txtEmployeeName" runat="server"></asp:TextBox>
    <label for="txtDepartment">Department:</label>
    <asp:TextBox ID="txtDepartment" runat="server"></asp:TextBox>
    <label for="txtContactNumber">Contact Number:</label>
    <asp:TextBox ID="txtContactNumber" runat="server"></asp:TextBox>
    <label for="txtSalary">Salary:</label>
```

```
<asp:TextBox ID="txtSalary" runat="server"></asp:TextBox>
    <asp:Button ID="btnSubmit" runat="server" Text="Submit" OnClick="btnSubmit_Click" />
    <asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="false">
    <Columns>
    <asp:BoundField DataField="EmployeeID" HeaderText="Employee ID" />
    <asp:BoundField DataField="EmployeeName" HeaderText="Employee Name" />
    <asp:BoundField DataField="Department" HeaderText="Department" />
    <asp:BoundField DataField="ContactNumber" HeaderText="Contact Number" />
    <asp:BoundField DataField="Salary" HeaderText="Salary" />
    </Columns>
   </asp:GridView>
    </form>
</body>
</html>
Webform.aspx.cs:
using System;
using System.Collections.Generic;
using System.Configuration;
using System.Data;
using System.Data.SqlClient;
using System.Ling;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
namespace WebApplication1
  public partial class WebForm1: System.Web.UI.Page
    protected void Page_Load(object sender, EventArgs e)
      if (!IsPostBack)
        // Load data into the GridView when the page loads initially
        BindGridView();
      }
    }
    protected void btnSubmit Click(object sender, EventArgs e)
      // Get the input values from the textboxes
      int employeeID = Convert.ToInt32(txtEmployeeID.Text);
      string employeeName = txtEmployeeName.Text;
      string department = txtDepartment.Text;
      string contactNumber = txtContactNumber.Text;
      decimal salary = Convert.ToDecimal(txtSalary.Text);
```

```
// Insert the data into the database
      InsertEmployee(employeeID, employeeName, department, contactNumber, salary);
      // Re-bind the GridView to show the updated data
      BindGridView();
      // Clear input fields after submission
      ClearInputFields();
    }
    private void InsertEmployee(int employeeID, string employeeName, string department, string
contactNumber, decimal salary)
      // Connection string from web.config
      string connectionString =
ConfigurationManager.ConnectionStrings["myConString"].ConnectionString;
      // SQL command to insert data
      string sql = "INSERT INTO employee_Info (EmployeeID, EmployeeName, Department,
ContactNumber, Salary) VALUES (@EmployeeID, @EmployeeName, @Department,
@ContactNumber, @Salary)";
      // Establish connection and command objects
      using (SqlConnection con = new SqlConnection(connectionString))
        using (SqlCommand cmd = new SqlCommand(sql, con))
          // Add parameters to the command
          cmd.Parameters.AddWithValue("@EmployeeID", employeeID);
          cmd.Parameters.AddWithValue("@EmployeeName", employeeName);
          cmd.Parameters.AddWithValue("@Department", department);
          cmd.Parameters.AddWithValue("@ContactNumber", contactNumber);
          cmd.Parameters.AddWithValue("@Salary", salary);
          // Open connection, execute command, and close connection
          con.Open();
          cmd.ExecuteNonQuery();
        }
     }
    }
    private void BindGridView()
      // Connection string from web.config
      string connectionString =
ConfigurationManager.ConnectionStrings["myConString"].ConnectionString;
      // SQL query to select all employees
      string sql = "SELECT EmployeeID, EmployeeName, Department, ContactNumber, Salary FROM
employee_Info";
```

```
// Establish connection, command, and data adapter objects
      using (SqlConnection con = new SqlConnection(connectionString))
        using (SqlCommand cmd = new SqlCommand(sql, con))
          using (SqlDataAdapter da = new SqlDataAdapter(cmd))
             // Create a DataSet to hold the retrieved data
             DataSet ds = new DataSet();
             da.Fill(ds);
             GridView1.DataSource = ds;
             GridView1.DataBind();
        }
      }
    private void ClearInputFields()
    {
      // Clear input fields after submission
      // Do not clear txtEmployeeID.Text as it's likely auto-generated
      txtEmployeeName.Text = "";
      txtDepartment.Text = "";
      txtContactNumber.Text = "";
      txtSalary.Text = "";
    }
  }
}
```