

### **Practical 3**

**Aim: Create a simple application to demonstrate use of following concepts**

- i.      Function Overloading  
Create a class ShapeCalculator() with 3 CalculateArea() methods to find area of circle, rectangle, triangle.
- ii.     Inheritance (all types)
- iii.    Constructor
  - A. Overriding - Create a base class person with a constructor for name and age. Create a derived class student with an extra property StudentId and call base constructor. Create a student object and display all details.
  - B. Overloading - Create a class book with multiple constructors, one constructor accepts only title, 2<sup>nd</sup> constructor accepts title and author, 3<sup>rd</sup> constructor accepts author, price, title. Create objects using diff constructors and display book details.
- iv.     Interfaces
- v.      Using Delegates and events
- vi.     Exception handling

**i. Function Overloading**

**Create a class ShapeCalculator() with 3 CalculateArea() methods to find area of circle, rectangle, triangle.**

**Output:**

```
Area of Circle: 153.9380400259
Area of Rectangle: 50
Area of Triangle: 24

=== Code Execution Successful ===
```

**ii.Inheritance**

**Output**

```
---- Single Inheritance ----
Animal eats food.
Dog barks.

---- Multilevel Inheritance ----
Animal eats food.
Dog barks.
Puppy weeps.

---- Hierarchical Inheritance ----
Animal eats food.
Cat meows.

---- Multiple Inheritance (Using Interfaces) ----
Human can run.
Human can swim.
```

### iii. Constructor

- A. Overriding - Create a base class person with a constructor for name and age. Create a derived class student with an extra property studentid and call base constructor. Create a student object and display all details.

#### Output:

```
Name: Arya
Age: 20
Student ID: 101

=== Code Execution Successful ===
```

- B. Overloading - Create a class book with multiple constructors, one constructor accepts only title, 2<sup>nd</sup> constructor accepts title and author, 3<sup>rd</sup> constructor accepts author, price, title. Create objects using diff constructors and display book details.

#### Output:

```
Title: The Alchemist
Author: Unknown
Price: 0

Title: Wings of Fire
Author: A.P.J. Abdul Kalam
Price: 0

Title: 1984
Author: George Orwell
Price: 499.99

=== Code Execution Successful ===
```

#### iv. Interface

##### Output

```
Drawing a Circle.  
Filling Circle with Red color.  
  
=== Code Execution Successful ===
```

#### v. Using Delegates and events

##### Output:

```
(100+40) = 140  
(100-60) = 40  
  
=== Code Execution Successful ===
```

#### vi.

##### Output

```
Enter a number:  
3  
Enter another number:  
0  
ERROR!  
Error: Cannot divide by zero!  
Execution completed (finally block).  
  
=== Code Execution Successful ===
```

## PRACTICAL 4

Create a simple web page with various server controls to demonstrate setting and use of their properties. (Example: AutoPostBack)

### Code

#### aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Designpage.aspx.cs"
Inherits="practical4.designpage" %>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
<title></title>
```

```
</head>
```

```
<body>
```

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

```
<div>
```

```
<h2>Simple Server Controls Demo</h2>
```

```
<!-- RadioButtonList -->
```

```
<asp:Label ID="Label1" runat="server" Text="Choose a fruit:"></asp:Label><br />
```

```
<asp:RadioButtonList ID="rblFruits" runat="server">
```

```
<asp:ListItem>Apple</asp:ListItem>
```

```
<asp:ListItem>Mango</asp:ListItem>
```

```
<asp:ListItem>Banana</asp:ListItem>
```

```
</asp:RadioButtonList>
```

```
<br />

<!-- CheckBox -->

    <asp:CheckBox ID="chkShow" runat="server" Text="Show selected fruit"
Checked="true"
/>

<br /><br />

<!-- Calendar -->

    <asp:Label ID="Label2" runat="server" Text="Pick a date:"></asp:Label><br />
<asp:Calendar ID="calDate" runat="server"></asp:Calendar>

<br />

<!-- Button -->

    <asp:Button ID="btnShow" runat="server" Text="Show Selection"
OnClick="btnShow_Click" />

<br /><br />

<!-- Output Label -->

    <asp:Label ID="lblOutput" runat="server" ForeColor="Green"
Font-Bold="true"></asp:Label>

</div>

</form>

</body>

</html>
```

## Output

Designpage.aspx.cs   Designpage.aspx   practical4: Overview

Choose a fruit:

☐ Apple

☐ Mango

☐ Banana

☒ Show selected fruit

Pick a date:

August 2025						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

Show Selection

[lblOutput]

## Simple Server Controls Demo

Choose a fruit:

- ☒ Apple
- ☐ Mango
- ☐ Banana

☒ Show selected fruit

Pick a date:

August 2025						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

Show Selection

**Fruit: Apple, Date: 29-07-2025**

b. Demonstrate the use of Calendar control to perform following operations.

**i. Display messages in a calendar control**

**Code**

Aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="calendar.aspx.cs"
Inherits="practical4.calendar" %>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
<title></title>
```

```
</head>
```

```
<body>
```

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

```
<div>
```

```
<h2>Calendar - Display Messages</h2>
```

```
<asp:Calendar ID="Calendar1" runat="server"
```

```
OnDayRender="Calendar1_DayRender"></asp:Calendar>
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```



## Output

Calendar - Display Messages						
< August 2025 >						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

## ii. Display vacation in a calendar control

### Code

#### Aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="calendar2.aspx.cs"
Inherits="practical4.calendar2" %>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
<title></title>
```

```
</head>
```

```
<body>
```

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

```
<div>
```

```
<h2>Calendar - Vacation Days</h2>
```

```
<asp:Calendar ID="Calendar1" runat="server"
OnDayRender="Calendar1_DayRender"></asp:Calendar>

</div>

</form>

</body>

</html>
```

Output

## Calendar - Vacation Days

August 2025						
≤						≥
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<u>27</u> Vacation	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>1</u>	<u>2</u> Vacation
<u>3</u> Vacation	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u> Vacation
<u>10</u> Vacation	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u> Vacation
<u>17</u> Vacation	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u> Vacation
<u>24</u> Vacation	<u>25</u>	<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u> Vacation
<u>31</u> Vacation	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u> Vacation

### iii. Selected day in a calendar control using style

Code

Aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="calendar3.aspx.cs"
Inherits="practical4.calendar3" %>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
<title></title>
```

```
</head>
```

```
<body>
```

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

```
<div>
```

```
<h2>Calendar - Selected Day Style</h2>
```

```
<asp:Calendar ID="Calendar1" runat="server"
```

```
OnSelectionChanged="Calendar1_SelectionChanged">
```

```
</asp:Calendar>
```

```
<br />
```

```
<asp:Label ID="lblMessage" runat="server" ForeColor="Blue"
```

```
Font-Bold="true"></asp:Label>
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

Output

Calendar - Selected Day Style						
< August 2025 >						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6
[lblMessage]						

## Calendar - Selected Day Style

≤ August 2025 ≥						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>1</u>	<u>2</u>
<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>
<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>
<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>
<u>24</u>	<u>25</u>	<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>
<u>31</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>

You selected: 21-08-2025

## Practical 5

### Working with Form Controls

- a. Create a Registration form to demonstrate use of various Validation controls.

#### Code

Aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="firstone.aspx.cs"
Inherits="Practical5.firstone" %>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
<title>Registration Form with Validation</title>
```

```
</head>
```

```
<body>
```

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

```
<h2>Registration Form</h2>
```

```
<!-- Name -->
```

Name:

```
<asp:TextBox ID="txtName" runat="server"></asp:TextBox>
```

```
<asp:RequiredFieldValidator ID="rfvName" runat="server"
```

```
ControlToValidate="txtName"
```

```
ErrorMessage="Name is required"
```

```
ForeColor="Red" />
```

```
<br /><br />
```

<!-- Email -->

Email:

```
<asp:TextBox ID="txtEmail" runat="server"></asp:TextBox>
<asp:RequiredFieldValidator ID="rfvEmail" runat="server"
    ControlToValidate="txtEmail"
    ErrorMessage="Email is required"
    ForeColor="Red" />
<asp:RegularExpressionValidator ID="revEmail" runat="server"
    ControlToValidate="txtEmail"
    ErrorMessage="Invalid email format"
    ForeColor="Red"
    ValidationExpression="\w+@\w+\.\w+" />
<br /><br />
```

<!-- Password -->

Password:

```
<asp:TextBox ID="txtPassword" runat="server" TextMode="Password"></asp:TextBox>
<asp:RequiredFieldValidator ID="rfvPassword" runat="server"
    ControlToValidate="txtPassword"
    ErrorMessage="Password is required"
    ForeColor="Red" />
<asp:CustomValidator ID="cvPasswordLength" runat="server"
    ControlToValidate="txtPassword"
    ErrorMessage="Password must be more than 5 characters"
    ForeColor="Red"
    OnServerValidate="cvPasswordLength_ServerValidate" />
<br /><br />
```

<!-- Confirm Password -->

Confirm Password:

<asp:TextBox ID="txtConfirmPassword" runat="server"

TextMode="Password"></asp:TextBox>

<asp:CompareValidator ID="cvPasswords" runat="server"

ControlToValidate="txtConfirmPassword"

ControlToCompare="txtPassword"

ErrorMessage="Passwords do not match"

ForeColor="Red" />

<br /><br />

<!-- Age -->

Age:

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

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

ControlToValidate="txtAge"

MinimumValue="18"

MaximumValue="60"

Type="Integer"

ErrorMessage="Age must be between 18 and 60"

ForeColor="Red" />

<br /><br />

<!-- Submit Button -->

<asp:Button ID="btnSubmit" runat="server"

Text="Register"

OnClick="btnSubmit\_Click" />

<asp:ValidationSummary ID="vsSummary" runat="server"

ForeColor="Red" />

<br /><br />

<!-- Message Label -->

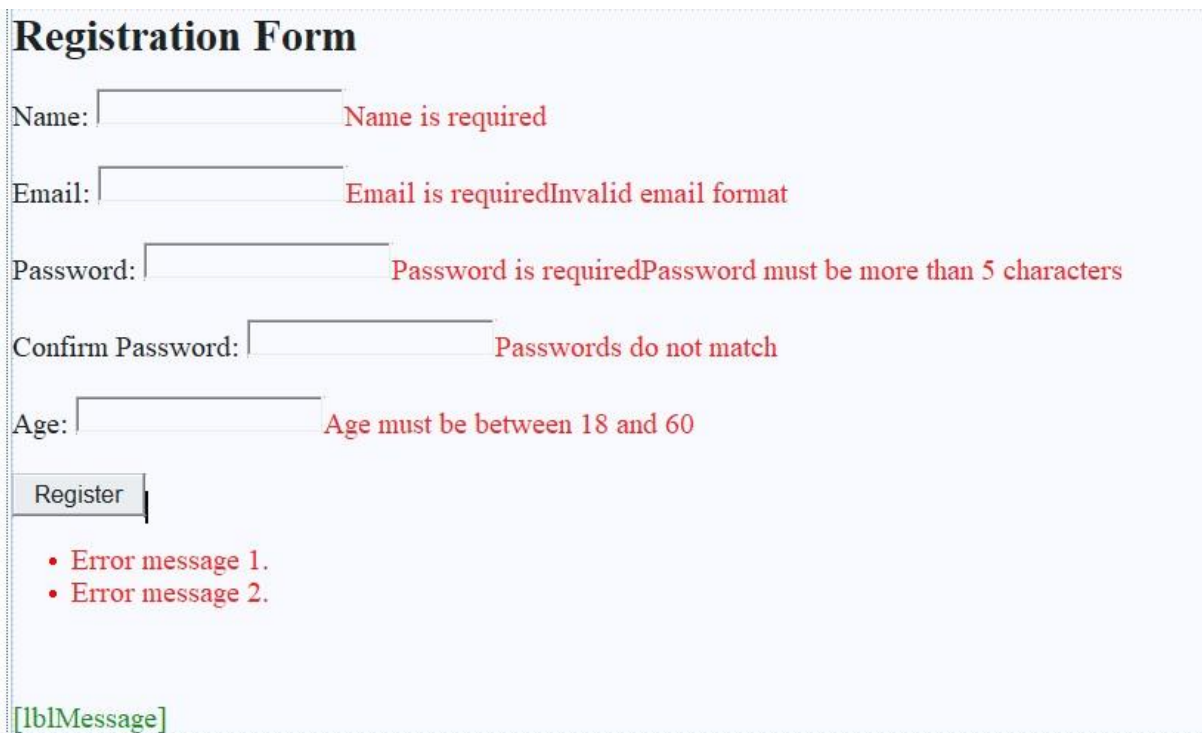
<asp:Label ID="lblMessage" runat="server" ForeColor="Green"></asp:Label>

</form>

</body>

</html>

## Output



The screenshot shows a web registration form titled "Registration Form". It contains several input fields with associated error messages in red text:

- Name:** The input field is empty, and the error message "Name is required" is displayed.
- Email:** The input field is empty, and the error message "Email is requiredInvalid email format" is displayed.
- Password:** The input field is empty, and the error message "Password is requiredPassword must be more than 5 characters" is displayed.
- Confirm Password:** The input field is empty, and the error message "Passwords do not match" is displayed.
- Age:** The input field is empty, and the error message "Age must be between 18 and 60" is displayed.

Below the input fields is a "Register" button. At the bottom of the form, there is a green error message: "[lblMessage]".



## Registration Form

Name:

Email:

Invalid email format

Password:

Confirm Password:

Passwords do not match

Age:

Age must be between 18 and 60

- Invalid email format
- Password is required
- Age must be between 18 and 60

### b. Create Web Form to demonstrate use of Ad rotator Control

#### Code

Aspx

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

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
<title></title>
```

```
</head>
```

```
<body>
```

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

```
<div>
```

```
</div>
```

```
<asp:AdRotator ID="AdRotator1" runat="server" AdvertisementFile="~/XMLFile1.xml"
OnAdCreated="AdRotator1_AdCreated1" />

</form>

</body>

</html>
```

#### Xmlfile

```
<?xml version="1.0" encoding="utf-8" ?>

<Advertisements>
    <Ad>
        <ImageUrl>/images/p1.jpg</ImageUrl>
        <NavigateUrl>https://www.google.com</NavigateUrl>
        <AlternateText>The photo is about colors</AlternateText>
    </Ad>
    <Ad>
        <ImageUrl>/images/p2.jpg</ImageUrl>
        <NavigateUrl>https://www.google.com</NavigateUrl>
        <AlternateText>The photo is about colors</AlternateText>
    </Ad>
    <Ad>
        <ImageUrl>/images/p3.jpg</ImageUrl>
        <NavigateUrl>https://www.google.com</NavigateUrl>
        <AlternateText>The photo is about colors</AlternateText>
    </Ad>
</Advertisements>
```

Name: Paras Chaudhari  
Rollno: 8112  
TYBCA

## Output



**c. Create Web Form to demonstrate use of User Controls.**

**Code**

Aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="usercontrol.aspx.cs"
Inherits="Practical5.usercontrol" %>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
<title></title>
```

```
</head>
```

```
<body>
```

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

```
<div>
```

```
<h2>Enter two numbers to calculate their sum</h2>
```

```
<label for="Label1">Number 1:</label>
```

```
<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br /><br />
```

```
<label for="Label2">Number 2:</label>
```

```
<asp:TextBox ID="TextBox2" runat="server"></asp:TextBox><br /><br />
```

```
<asp:Button ID="Button1" runat="server" Text="Submit" OnClick="Button1_Click"
/><br /><br />
```

```
<asp:Label ID="LabelResult" runat="server" Text="Result: "
```

```
Font-Bold="true"></asp:Label>
```

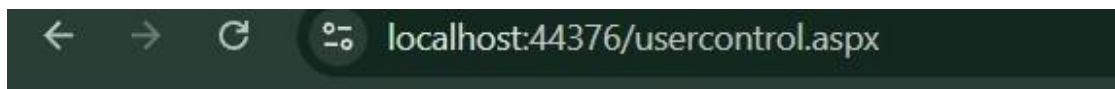
```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

### Output



## Enter two numbers to calculate their sum

Number 1:

Number 2:

**Result: 16**

## Practical 6

Working with Navigation, Beautification and Master page.

### a. Create Web Form to demonstrate use of Website Navigation controls and Site Map.

#### Code

Web.Sitemap

```
<?xml version="1.0" encoding="utf-8" ?>

<siteMap xmlns="http://schemas.microsoft.com/AspNet/SiteMap-File-1.0" >
    <siteMapNode title="Home" url="~/Default.aspx">
        <siteMapNode title="About" url="~/About.aspx" />
        <siteMapNode title="Services" url="~/Services.aspx">
            <siteMapNode title="Web Development" url="~/WebDev.aspx" />
            <siteMapNode title="SEO" url="~/SEO.aspx" />
        </siteMapNode>
        <siteMapNode title="Contact" url="~/Contact.aspx" />
    </siteMapNode>
</siteMap>
```

Aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Default.aspx.cs"
Inherits="PRACTICAL6.Default" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <h2>Website Navigation</h2>
```

```
<asp:Menu ID="Menu1" runat="server"
DataSourceID="SiteMapDataSource1"></asp:Menu>

<br />

<asp:TreeView ID="TreeView1" runat="server"
DataSourceID="SiteMapDataSource1"></asp:TreeView>

<br />

<asp:SiteMapPath ID="SiteMapPath1" runat="server"></asp:SiteMapPath>

<asp:SiteMapDataSource ID="SiteMapDataSource1" runat="server" />

<div>

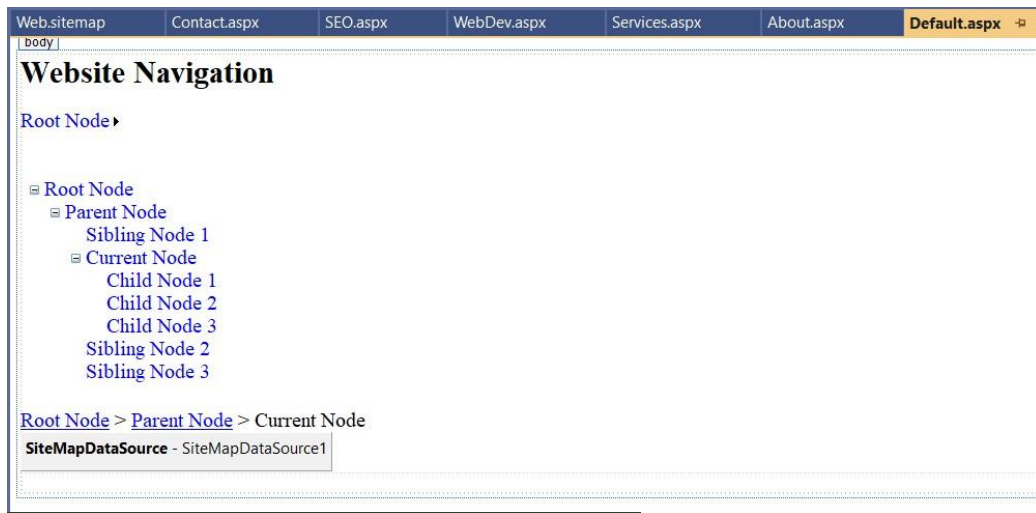
</div>

</form>

</body>

</html>
```

## Output



## Website Navigation

Home ▶ About  
Services ▶ Web Development  
Home Contact SEO  
About  
Services  
Web Development  
SEO  
Contact

Home

b. Create a web application to demonstrate the use of Master Page with applying Styles and Themes for page beautification.

### Code

Site.Master

```
<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="Site.master.cs"
Inherits="PRACTICAL6.Site" %>
```

```
<!DOCTYPE html>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
    <title>Master Page Example</title>
```

```
    <link href="App_Themes/Default/Style.css" rel="stylesheet" />
```

```
</head>
```

```
<body>
```

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

```
        <div style="background-color:lightblue; padding:10px;">
```

```
            <h2>My Website Header</h2>
```

```
        </div>
```

```
        <asp:ContentPlaceHolder ID="MainContent"
runat="server"></asp:ContentPlaceHolder>
```

```
        <div style="background-color:lightgray; padding:10px;">
```

```
            Footer © 2025
```

```
        </div>
```

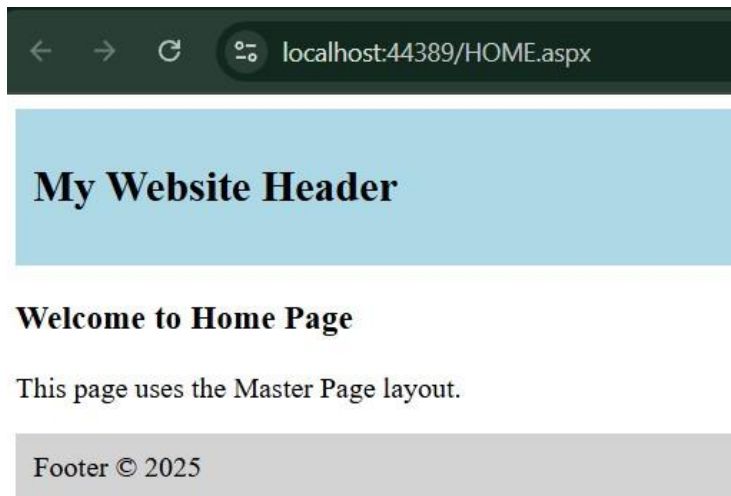
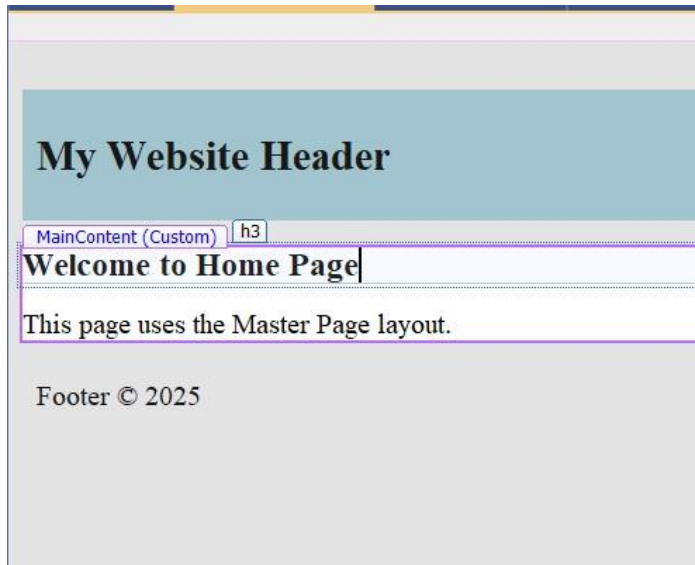
```
</form>
```



```
</body>
```

```
</html>
```

## Output



c. Create a web application to demonstrate various states of ASP.NET Pages.

**CODE:**

ASPX

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="StatesDemo.aspx.cs"
Inherits="PRACTICAL6.StatesDemo" %>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
<title></title>
```

```
</head>
```

```
<body>
```

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

```
<h2>ASP.NET States Demo</h2>
```

```
<asp:Label ID="lblViewState" runat="server"></asp:Label><br />
```

```
<asp:Button ID="btnViewState" runat="server" Text="Increase ViewState Counter"
```

```
OnClick="btnViewState_Click" />
```

```
<hr />
```

```
<asp:Label ID="lblSession" runat="server"></asp:Label><br />
```

```
<asp:Button ID="btnSession" runat="server" Text="Increase Session Counter"
```

```
OnClick="btnSession_Click" />
```

```
<hr />
```

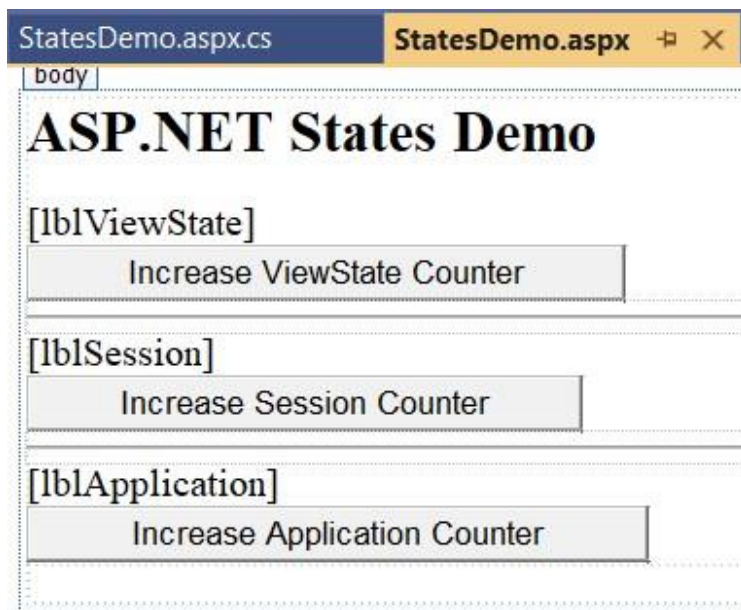
```
<asp:Label ID="lblApplication" runat="server"></asp:Label><br />
```

```
<asp:Button ID="btnApplication" runat="server" Text="Increase Application Counter"
```

```
OnClick="btnApplication_Click" />
```

```
<div>  
  
</div>  
  
</form>  
</body>  
</html>
```

## Output



## PRACTCAL7

Working with Database (Connected Data Access)

a. Write a web application to perform CRUD operation.

### Code

Aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="practical7_o_.WebForm1" %>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
    <title>CRUD Operations</title>
```

```
</head>
```

```
<body>
```

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

```
        <div style="margin:20px;">
```

```
            <!-- Roll No -->
```

```
            <asp:Label ID="Label1" runat="server" Text="Roll No : "></asp:Label>
```

```
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
```

```
            <br /><br />
```

```
            <!-- Name -->
```

```
            <asp:Label ID="Label2" runat="server" Text="Name : "></asp:Label>
```

```
            <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
```

```
            <br /><br />
```

```
            <!-- CRUD Buttons -->
```

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```
<asp:Button ID="Button1" runat="server" Text="Insert" OnClick="Button1_Click" />
```

```
<asp:Button ID="Button2" runat="server" Text="Update" OnClick="Button2_Click" />
```

```
<asp:Button ID="Button3" runat="server" Text="Delete" OnClick="Button3_Click" />
```

```
<br /><br />
```

```
<!-- GridView -->
```

```
<asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="True"
```

```
    BorderStyle="Solid" BorderWidth="1px" CellPadding="5" />
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

## Output

Record inserted.

Roll No :

Name :

Roll_no	Name
101	Raj
102	Rahul
103	Rashmita

---

Record updated.

Roll No :

Name :

Roll_no	Name
101	Raj
102	Riya
103	Rashmita

## PRACTICAL 8

Create a web application to display Using Disconnected Data Access and

a.Data Binding using Grid View.

### Code

Aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="WebApplication4.WebForm1" %>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
    <title>Disconnected Data Access Example</title>
```

```
</head>
```

```
<body>
```

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

```
        <div>
```

```
            <<asp:Label Text="Name: " runat="server" />
```

```
            <asp:TextBox ID="txtName" runat="server"></asp:TextBox>
```

```
            <br />
```

```
            <asp:Label Text="Address: " runat="server" />
```

```
            <asp:TextBox ID="txtAddress" runat="server"></asp:TextBox>
```

```
            <br />
```

```
            <asp:Button ID="Button1" runat="server" Text="Insert New Record"
```

```
OnClick="Button1_Click1" />
```

```
        <br /><br />
```

```
        <asp:Label ID="lblMessage" runat="server" ForeColor="Green"></asp:Label>
```

<br />

<asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="True" />

</div>

</form>

</body>

</html>

## Output

<Name:

Address:

Insert New Record

✓ New Record Inserted!

Id	Name	Address
1	Rashmita	panvel

<Name:

Address:

Insert New Record

✓ New Record Inserted!

Id	Name	Address
1	Rashmita	panvel

<Name:

Address:

Insert New Record

✓ New Record Inserted!

Id	Name	Address
1	Rashmita	panvel
2	Riya	Ghatkopar



## PRACTICAL 9

Working with GridView control

A.Create a web application to demonstrate use of GridView button column and GridView events.

B.Create a web application to demonstrate GridView paging and Create your own table format using GridView.

### Code

Webform.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="WebApplication3.WebForm1" %>

<!DOCTYPE html>

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

<head runat="server">

    <title>GridView Button Example</title>

</head>

<body>

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

        <h2>GridView with Button Column Example</h2>

        <asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="False"
OnRowCommand="GridView1_RowCommand" Height="165px" Width="261px">

            <Columns>

                <asp:BoundField DataField="ID" HeaderText="ID" />

                <asp:BoundField DataField="Name" HeaderText="Name" />

                <asp:ButtonField Text="Select" CommandName="SelectRow" ButtonType="Button"
/>
```

```
</Columns>

</asp:GridView>

<br />

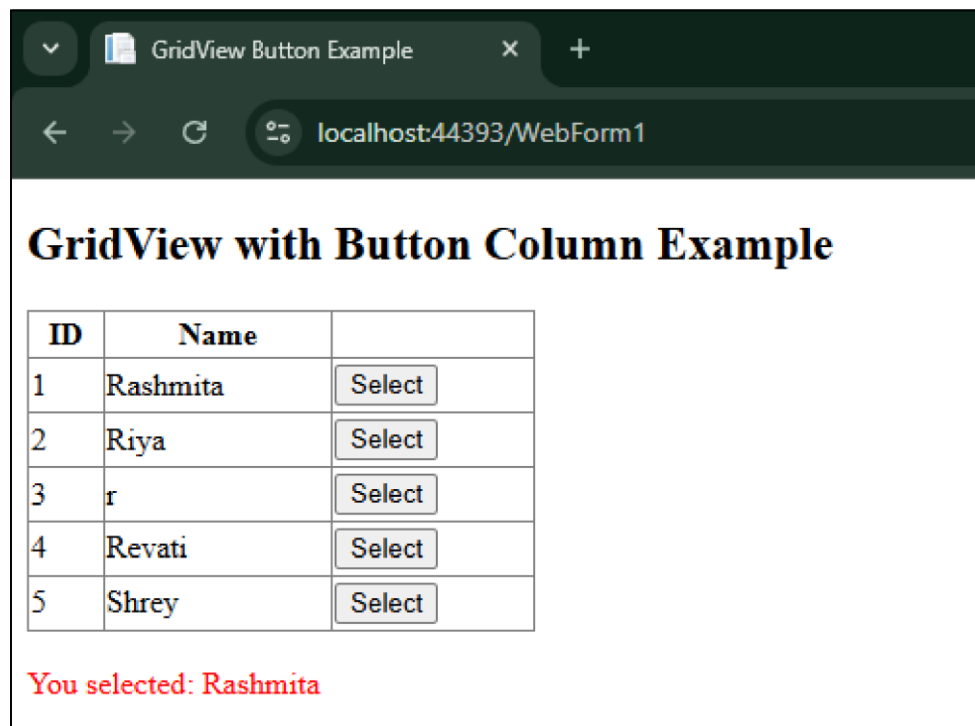
<asp:Label ID="lblMessage" runat="server" ForeColor="Red" />

</form>

</body>

</html>
```

### Output



B.

### Code

Webform.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="WebApplication.WebForm1" %>

<!DOCTYPE html>
```

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

<head runat="server">

    <title>GridView Paging Example</title>

</head>

<body>

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

        <h2>GridView Paging with Table Format</h2>

        <asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="False"
            Height="160px" Width="185px" AllowPaging="True" PageSize="5"
            OnPageIndexChanging="GridView1_PageIndexChanging">

            <Columns>

                <asp:BoundField DataField="ID" HeaderText="ID" />

                <asp:BoundField DataField="Name" HeaderText="Name" />

            </Columns>

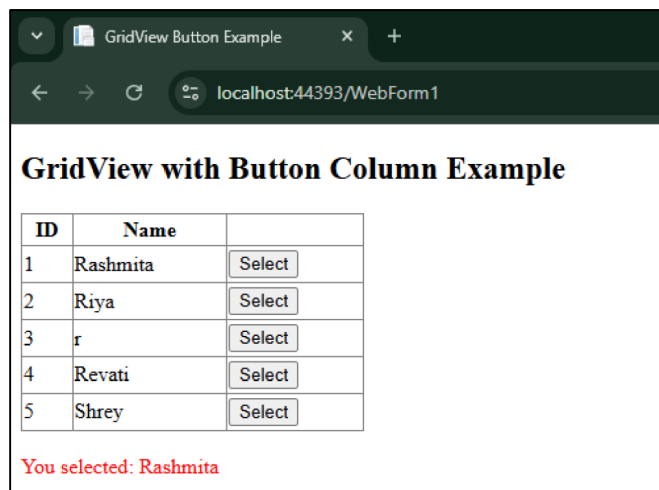
        </asp:GridView>

    </form>

</body>

</html>
```

## Output



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