

PRACTICAL 3 :

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

practical3A.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
    Inherits="AWP_practicals_1.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:DropDownList ID="dropdownlist1" runat="server" AutoPostBack="true"
                OnSelectedIndexChanged="dropdownlist1_SelectedIndexChanged">
                <asp:ListItem Value="400709">Koparkhairne</asp:ListItem>
                <asp:ListItem Value="400701">Vashi</asp:ListItem>
                <asp:ListItem Value="400710">Ghansoli</asp:ListItem>
            </asp:DropDownList>
            <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>

            <asp:RadioButtonList ID="RadioButtonList1" runat="server"
                OnSelectedIndexChanged="RadioButtonList1_SelectedIndexChanged" AutoPostBack="true">
                <asp:ListItem Text="Red" Value="Red"></asp:ListItem>
                <asp:ListItem Text="Pink" Value="Pink"></asp:ListItem>
                <asp:ListItem Text="Yellow" Value="Yellow"></asp:ListItem>
                <asp:ListItem Text="Blue" Value="Blue"></asp:ListItem>
            </asp:RadioButtonList>

            <asp:RadioButtonList ID="RadioButtonList2" runat="server"
                OnSelectedIndexChanged="RadioButtonList2_SelectedIndexChanged" AutoPostBack="true">
                <asp:ListItem > Times New Roman</asp:ListItem>
                <asp:ListItem > Jokerman</asp:ListItem>
                <asp:ListItem > Arial</asp:ListItem>
            </asp:RadioButtonList>

            <asp:RadioButtonList ID="RadioButtonList3" AutoPostBack="true" runat="server"
                OnSelectedIndexChanged="RadioButtonList3_SelectedIndexChanged">
                <asp:ListItem > Small</asp:ListItem>
                <asp:ListItem > Medium</asp:ListItem>
            </asp:RadioButtonList>
        </div>
    </form>
</body>
</html>
```

```

        <asp:ListItem>Large</asp:ListItem>
        <asp:ListItem>XLarge</asp:ListItem>
    </asp:RadioButtonList>

    <asp:CheckBox ID="CheckBox1" AutoPostBack="true" Text="Bold" runat="server"
OnCheckedChanged="CheckBox1_CheckedChanged" />
    <asp:CheckBox ID="CheckBox2" AutoPostBack="true" Text="Underline"
runat="server" OnCheckedChanged="CheckBox2_CheckedChanged" />
    <asp:CheckBox ID="CheckBox3" AutoPostBack="true" Text="Italic" runat="server"
OnCheckedChanged="CheckBox3_CheckedChanged" />

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

```

practical3A.aspx.cs:

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace AWP_practicals_1
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void dropdownlist1_SelectedIndexChanged(object sender, EventArgs e)
        {
            Label1.Text = dropdownlist1.SelectedValue;
        }

        protected void RadioButtonList1_SelectedIndexChanged(object sender, EventArgs e)
        {
            if (RadioButtonList1.SelectedIndex == 0)
            {
                Label1.ForeColor = System.Drawing.Color.Red;
            }
            if (RadioButtonList1.SelectedIndex == 1)
            {
                Label1.ForeColor = System.Drawing.Color.Pink;
            }
        }
    }
}

```

```

    }
    if (RadioButtonList1.SelectedIndex == 2)
    {
        Label1.ForeColor = System.Drawing.Color.Yellow;

    }
    if (RadioButtonList1.SelectedIndex == 3)
    {
        Label1.ForeColor = System.Drawing.Color.Blue;

    }

}

protected void RadioButtonList2_SelectedIndexChanged(object sender, EventArgs e)
{
    Label1.Font.Name = RadioButtonList2.SelectedValue;
}

protected void RadioButtonList3_SelectedIndexChanged(object sender, EventArgs e)
{
    if (RadioButtonList3.SelectedIndex == 0)
    {
        Label1.Font.Size = FontUnit.Small;
    }
    if (RadioButtonList3.SelectedIndex == 1)
    {
        Label1.Font.Size = FontUnit.Medium;
    }
    if (RadioButtonList3.SelectedIndex == 2)
    {
        Label1.Font.Size = FontUnit.Large;
    }
    if (RadioButtonList3.SelectedIndex == 3)
    {
        Label1.Font.Size = FontUnit.XLarge;
    }

}

protected void CheckBox1_CheckedChanged(object sender, EventArgs e)
{
    if (CheckBox1.Checked)
    {
        Label1.Font.Bold = true;
    }
    else
    {
        Label1.Font.Bold = false;
    }
}

```

```

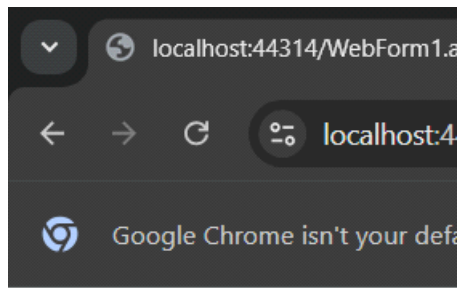
    }
}

protected void CheckBox2_CheckedChanged(object sender, EventArgs e)
{
    if (CheckBox2.Checked)
    {
        Label1.Font.Underline = true;
    }
    else
    {
        Label1.Font.Underline = false;
    }
}

protected void CheckBox3_CheckedChanged(object sender, EventArgs e)
{
    if (CheckBox3.Checked)
    {
        Label1.Font.Italic = true;
    }
    else
    {
        Label1.Font.Italic = false;
    }
}
}
}
}

```

OUTPUT :



Ghansoli **400710**

☒ Red
☐ Pink
☐ Yellow
☐ Blue
☐ Times New Roman
☒ Jokerman
☐ Arial
☐ Small
☒ Medium
☐ Large
☐ XLarge
☒ Bold ☐ Underline ☐ Italic

B] Create a simple application to demonstrate your vacation using calendar control.

practical3B.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Practical3B.aspx.cs"
    Inherits="AWP_project.Practical3B" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Calendar ID="Calendar1" runat="server" OnDayRender="Calendar1_DayRender"
                OnSelectionChanged="Calendar1_SelectionChanged"></asp:Calendar>
```

```

        <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>

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

```

practical3B.aspx.cs:

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace AWP_project
{
    public partial class Practical3B : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Calendar1_SelectionChanged(object sender, EventArgs e)
        {
            Response.Write(Calendar1.SelectedDate.ToLongDateString());
        }

        protected void Calendar1_DayRender(object sender, DayRenderEventArgs e)
        {
            if (e.Day.Date.Day == 19 && e.Day.Date.Month == 9)
            {
                Label obj = new Label();
                obj.Text = "BON DAY";
                e.Cell.Controls.Add(obj);
            }
            DateTime t1 = new DateTime(2024, 09, 01);
            DateTime t2 = t1.AddDays(5);
            Calendar1.SelectedDates.SelectRange(t1, t2);

            TimeSpan t = new DateTime(2024, 08, 07) - DateTime.Now;
            Label1.Text = ("no of days left:" + t.Days);
        }
    }
}

```

OUTPUT :

01 September 2024

September 2024						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<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>	<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> BON DAY	<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>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>

no of days left:-34

C] Demonstrate the use of Treeview operations on the web form.

Master page:

```
<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="Site1.master.cs"
Inherits="WebApplication5.Site1" %>
```

```
<!DOCTYPE html>
```

```
<html>
```

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

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

```
<asp:ContentPlaceHolder ID="head" runat="server">
```

```
</asp:ContentPlaceHolder>
```

```
</head>
```

```
<body>
```

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

```
<div>
```

```
<asp:Table ID="Table1" runat="server" Height="166px" Width="312px">
```

```
<asp:TableRow>
```

```
<asp:TableCell>
```

```

        <asp:TreeView ID="TreeView1" runat="server">
            <Nodes>
                <asp:TreeNode Text="TYIT SEM 5">
                    <asp:TreeNode Text="NGT"
NavigateUrl="~/WebForm1.aspx"></asp:TreeNode>
                    <asp:TreeNode Text="AWP"
NavigateUrl="~/WebForm2.aspx"></asp:TreeNode>
                    <asp:TreeNode Text="AI"
NavigateUrl="~/WebForm3.aspx"></asp:TreeNode>
                </asp:TreeNode>
            </Nodes>
        </asp:TreeView>
    </asp:TableCell>
    <asp:TableCell>
        <asp:ContentPlaceHolder ID="ContentPlaceHolder1"
runat="server"></asp:ContentPlaceHolder>
    </asp:TableCell>
</asp:TableRow>
</asp:Table>
</div>
</form>
</body>
</html>

```

Webform1.aspx:

```

<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="WebForm1.aspx.cs" Inherits="WebApplication5.WebForm1" %>

```

```

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

```

NGT

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

Next Generation Technologies

</asp:Content>

Webform2.aspx

<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="WebForm2.aspx.cs" Inherits="WebApplication5.WebForm2" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

AWP

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

Advanced Web Programming

</asp:Content>

Webform3.aspx

<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="WebForm3.aspx.cs" Inherits="WebApplication5.WebForm3" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

AI

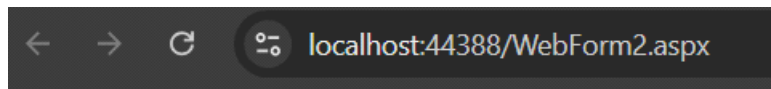
</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

Artificial Intelligence

</asp:Content>

OUTPUT :



AWP

 TYIT SEM 5

NGT

AWP

AI

Advanced Web Programming

PRACTICAL 4 :

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

WebForm4.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm4.aspx.cs"
    Inherits="AWP_practicals_1.WebForm4" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            Enter Name : <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"
                ErrorMessage="Enter valid name !!!" ControlToValidate="TextBox1" ValidationGroup="vg1">
            </asp:RequiredFieldValidator>

            <br />

            Enter Age : <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
            <asp:RangeValidator ID="RangeValidator1" runat="server" ErrorMessage="Enter valid
                age !!!" MinimumValue="20" MaximumValue="50" ControlToValidate="TextBox2" Type="Integer"
                ValidationGroup="vg1">
            </asp:RangeValidator>

            <br />

            Enter Email : <asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>
            <asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server"
                ErrorMessage="Enter valid email !!!" ValidationExpression="^[^@\s]+@[^@\s]+\.[^@\s]+$"
                ControlToValidate="TextBox3" ValidationGroup="vg1">
            </asp:RegularExpressionValidator>

            <br />

            Enter Password: <asp:TextBox ID="TextBox4" runat="server"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server"
                ErrorMessage="enter valid password" ControlToValidate="TextBox4" ValidationGroup="vg1">
            </asp:RequiredFieldValidator>

            <br />
```

```

        Re-Enter password : <asp:TextBox ID="TextBox5" runat="server"></asp:TextBox>
        <asp:CompareValidator ID="CompareValidator1" runat="server"
ErrorMessage="Passwords do not match !!!" ControlToCompare="TextBox4"
ControlToValidate="TextBox5" Operator="Equal" ForeColor="Red" ValidationGroup="vg1">
        </asp:CompareValidator>

        <br />

        <asp:Button ID="Button1" runat="server" Text="Button

" OnClick="Button1_Click" ValidationGroup="vg1" />
    </div>
</form>
</body>
</html>

```

WebForm4.aspx.cs:

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
namespace pract4a
{
    public partial class WebForm4 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            if (Page.IsValid)
            {
                Response.Write("Success");
            }
        }
    }
}

```

OUTPUT :

Enter Name:

Enter Age: enter valid age

Enter Email: enter valid email

Enter Password:

ReEnter password: Passwords do not match.

Success

Enter Name:

Enter Age:

Enter Email:

Enter Password:

ReEnter password:

B] Create Web Form to demonstrate use of Adrotator Control.

WebForm5.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm5.aspx.cs"
    Inherits="AWP_practicals_1.WebForm5" %>
```

```
<!DOCTYPE html>
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:AdRotator ID="AdRotator1" runat="server"
                AdvertisementFile="~/FileName.xml"/>
        </div>
    </form>
</body>
</html>
```

FileName.xml:

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

<Advertisements>
    <Ad>
        <NavigateUrl> https://github.com/logos</NavigateUrl>
```

```

        <ImageUrl>https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcSbj9li13d6hx5a9kyLnC5
A8A96LDSa$Zv_w&s</ImageUrl>
        <AlternateText>gitub</AlternateText>
        <Impressions>20</Impressions>
        <Keywords>google</Keywords>
    </Ad>
    <Ad>
        <NavigateUrl>https://in.linkedin.com/</NavigateUrl>

        <ImageUrl>https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcS4fcdsIUPUgmbvGaP-RC4
RbHYdVtoN_fm8aya_8gOXI2BRtCIESO-0_jgWTtKtIVmOQKs&usqp=CAU</ImageUrl>
        <AlternateText>linkedin</AlternateText>
        <Impressions>10</Impressions>
        <Keywords>google</Keywords>
    </Ad>
    <Ad>
        <NavigateUrl> https://x.com/</NavigateUrl>

        <ImageUrl>https://img.freepik.com/free-vector/new-2023-twitter-logo-x-icon-design_1017-454
18.jpg?size=338&ext=jpg&ga=GA1.1.2008272138.1726012800&semt=ais_hybrid</ImageUrl>
        <AlternateText>X</AlternateText>
        <Impressions>5</Impressions>
        <Keywords>google</Keywords>
    </Ad>
</Advertisements>

```

OUTPUT :



C] Create Web Form to demonstrate use User Controls

practical4C.aspx:

```

<%@ Control Language="C#" AutoEventWireup="true" CodeBehind="practical4C.ascx.cs"
Inherits="AWP_project.practical4C" %>
<asp:Calendar ID="Calendar1" runat="server"
    OnSelectionChanged="Calendar1_SelectionChanged"></asp:Calendar>
<asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>

```

practical4C.aspx.cs:

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace AWP_project
{
    public partial class practical4C : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            Label1.Text = Calendar1.SelectedDate.ToString();
        }
    }
}

```

webform1.aspx:

```

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

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            DOB <uc1:tyit runat="server" id="tyit" />
        </div>
    </form>
</body>
</html>

```

webform2.aspx:

```

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs"
    Inherits="AWP_project.WebForm2" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>

```

```

<body>
  <form id="form1" runat="server">
    <div>
      DOJ<uc1:tyit runat="server" id="tyit" />
    </div>
  </form>
</body>
</html>

```

webform3.aspx:

```

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm3.aspx.cs"
  Inherits="AWP_project.WebForm3" %>

```

```

<!DOCTYPE html>

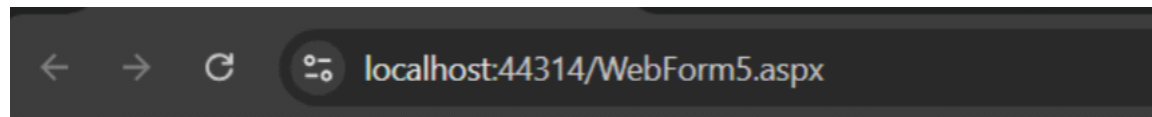
```

```

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
  <title></title>
</head>
<body>
  <form id="form1" runat="server">
    <div>
      DOP<uc1:tyit runat="server" id="tyit" />
    </div>
  </form>
</body>
</html>

```

OUTPUT :



DOB

September 2024						
≤						≥
Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26	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	1	2	3	4	5

29 August 2024

PRACTICAL 5 :

**A] Create Web Form to demonstrate use of Website Navigation controls.
Create a web application to demonstrate use of Master Page and content page.**

Master page:

```
<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="Site2.master.cs"
Inherits="WebApplication5.Site2" %>

<!DOCTYPE html>

<html>

<head runat="server">

    <title></title>

    <asp:ContentPlaceHolder ID="head" runat="server">

        </asp:ContentPlaceHolder>

</head>

<body>

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

        <div>

            <asp:Table ID="Table1" runat="server" Height="391px" GridLines="Both"
Width="589px">

                <asp:TableRow>

                    <asp:TableCell ColumnSpan="2">TYIT MASTER PAGE</asp:TableCell>

                </asp:TableRow>

                <asp:TableRow>

                    <asp:TableCell>

                        <asp:Menu ID="Menu1" runat="server">

                            <Items>

                                <asp:MenuItem Text="SEM V">

                                    <asp:MenuItem Text="AWP"
NavigateUrl="~/WebForm5.aspx"></asp:MenuItem>
```

```

                                <asp:MenuItem Text="NGT"
NavigateUrl="~/WebForm6.aspx"></asp:MenuItem>

                                <asp:MenuItem Text="AI"
NavigateUrl="~/WebForm7.aspx"></asp:MenuItem>

                                <asp:MenuItem Text="IOT"
NavigateUrl="~/WebForm8.aspx"></asp:MenuItem>

                                </asp:MenuItem>

                                </Items>

                                </asp:Menu>

                                </asp:TableCell>

                                <asp:TableCell>

                                    <asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server">

                                        </asp:ContentPlaceHolder>

                                    </asp:TableCell>

                                </asp:TableRow>

                                <asp:TableRow>

                                    <asp:TableCell ColumnSpan="2">

                                        Copyright@2003

                                    </asp:TableCell>

                                </asp:TableRow>

                                </asp:Table>

                                </div>

                                </form>

                                </body>

                                </html>

```

Webform5.aspx:

```

<%@ Page Title="" Language="C#" MasterPageFile="~/Site2.Master" AutoEventWireup="true"
CodeBehind="WebForm5.aspx.cs" Inherits="WebApplication5.WebForm5" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

```

AWP

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

Advanced Web Programming

</asp:Content>

Webform6.aspx:

<%@ Page Title="" Language="C#" MasterPageFile="~/Site2.Master" AutoEventWireup="true"

CodeBehind="WebForm6.aspx.cs" Inherits="WebApplication5.WebForm6" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

NGT

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

Next Generation Technologies

</asp:Content>

Webform7.aspx:

<%@ Page Title="" Language="C#" MasterPageFile="~/Site2.Master" AutoEventWireup="true"

CodeBehind="WebForm7.aspx.cs" Inherits="WebApplication5.WebForm7" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

AI

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

Artificial Intelligence

</asp:Content>

Webform8.aspx:

<%@ Page Title="" Language="C#" MasterPageFile="~/Site2.Master" AutoEventWireup="true"

CodeBehind="WebForm8.aspx.cs" Inherits="WebApplication5.WebForm8" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

IOT

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

Internet of Things

</asp:Content>

OUTPUT :

AWP

TYIT MASTER PAGE	
SEM V ▶ AWP NGT AI IOT	Advanced Web Programming
Copyright@2003	

B] Create a simple application to demonstrate your vacation using calendar control.

WebForm9.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm9.aspx.cs"
    Inherits="WebApplication5.WebForm9" %>
```

```
<!DOCTYPE html>
```

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

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

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

```
</head>
```

```
<body>
```

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

```
        <div>
```

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

```
            <asp:Button ID="Button1" runat="server" Text="Reload" OnClick="Button_click1"/>
```

```
        </div>
```

```
    </form>
```

```
</body>
```

```
</html>
```

WebForm9.aspx.cs(ViewState):

```
using System;
```

```
using System.Collections.Generic;
```

```
using System.Linq;
```

```
using System.Web;
```

```

using System.Web.UI;
using System.Web.UI.WebControls;

namespace WebApplication5
{
    public partial class WebForm9 : System.Web.UI.Page
    {
        int x = 1;
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!IsPostBack)
            {
                TextBox1.Text = "0";
            }
        }

        protected void Button_click1(object sender, EventArgs e)
        {
            if (ViewState["a"] != null)
            {
                x = Convert.ToInt32(ViewState["a"]) + 1;
            }
            TextBox1.Text = x.ToString();
            ViewState["a"] = x;
        }
    }
}

```

OUTPUT :



WebForm9.aspx.cs(Application):

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

```

```

namespace WebApplication5
{

```

```

public partial class WebForm9 : System.Web.UI.Page
{
    int x = 1;
    protected void Page_Load(object sender, EventArgs e)
    {
        if(!IsPostBack)
        {
            TextBox1.Text = "";
        }
    }

    protected void Button_click1(object sender, EventArgs e)
    {
        if (Application["a"] != null)
        {
            x = Convert.ToInt32(Application["a"]) + 1;
        }
        TextBox1.Text = x.ToString();
        Application["a"] = x;
    }
}

```

OUTPUT :



WebForm9.aspx.cs(Session):

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

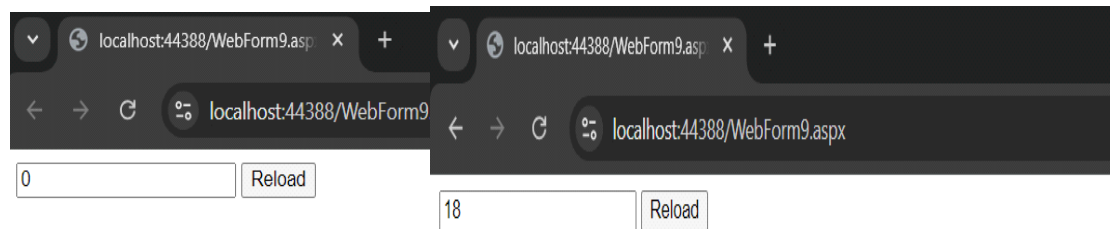
namespace WebApplication5
{
    public partial class WebForm9 : System.Web.UI.Page
    {
        int x = 1;
        protected void Page_Load(object sender, EventArgs e)
        {
            if(!IsPostBack)

```

```
        {
            TextBox1.Text = "0";
        }
    }

protected void Button_click1(object sender, EventArgs e)
{
    if (Session["a"] != null)
    {
        x = Convert.ToInt32(Session["a"]) + 1;
    }
    TextBox1.Text = x.ToString();
    Session["a"] = x;
}
}
```

OUTPUT :



PRACTICAL 6:

A] Create a web application for inserting and deleting records from a database.

WebForm1.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
    Inherits="WebApplication6.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            data inserted
            <br />
            emp id<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
            name<asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
            salary<asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>
            age<asp:TextBox ID="TextBox4" runat="server"></asp:TextBox>
            <asp:Button ID="Button1" runat="server" Text="insert" OnClick="Button1_Click"/>
            <asp:Button ID="Button2" runat="server" Text="delete" OnClick="Button2_Click"/>
        </div>
    </form>
</body>
</html>
```

WebForm1.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;

namespace WebApplication6
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
        }
    }
}
```

```

    }
}

protected void Button1_Click(object sender, EventArgs e)
{
    SqlConnection con = new SqlConnection("Data Source=SQL;Initial Catalog=tybscit;User
ID=user1;Password=user1");
    SqlCommand cmd = new SqlCommand("insert into emp values(@Id,@ename,@salary,@age)",
con);
    cmd.Parameters.AddWithValue("@Id", TextBox1.Text);
    cmd.Parameters.AddWithValue("@ename", TextBox2.Text);
    cmd.Parameters.AddWithValue("@salary", TextBox3.Text);
    cmd.Parameters.AddWithValue("@age", TextBox4.Text);
    con.Open();
    cmd.ExecuteNonQuery();
    Response.Write("data inserted");
    con.Close();
}

protected void Button2_Click(object sender, EventArgs e)
{
    SqlConnection con = new SqlConnection("Data Source=SQL;Initial Catalog=tybsc123;User
ID=user1;Password=user1");
    SqlCommand cmd = new SqlCommand("delete from emp where Id=@Id", con);
    cmd.Parameters.AddWithValue("@Id", TextBox1.Text);
    con.Open();
    cmd.ExecuteNonQuery();
    Response.Write("data deleted");
    con.Close();
}
}

```

OUTPUT :

localhost:44367/WebForm1.aspx

data inserted

emp id name salary age

Id	ename	salary	age
1	sumit	199999	20
2	shivam	200000	21
3	sachin	200001	21
4	akash	200002	20
5	ram	200003	20

localhost:44367/WebForm1.aspx

data deleted

emp id name salary age

Id	ename	salary	age
1	sumit	199999	20
2	shivam	200000	21
3	sachin	200001	21
4	akash	200002	20

B] Create a web application to display Using Disconnected Data Access and Databinding using GridView

WebForm2.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs"
    Inherits="WebApplication6.WebForm2" %>
```

```
<!DOCTYPE html>
```

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

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

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

```
</head>
```

```
<body>
```

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

```
        <div>
```

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

```
        </div>
```

```
    </form>
```

```
</body>
```

```
</html>
```

WebForm2.aspx.cs:

```
using System;using System;
```

```
using System.Collections.Generic;
```

```
using System.Linq;
```

```
using System.Web;
```

```
using System.Web.UI;
```

```
using System.Web.UI.WebControls;
```

```
using System.Data;
```

```
using System.Data.SqlClient;
```

```
namespace WebApplication6
```

```
{
```

```
    public partial class WebForm2 : System.Web.UI.Page
```

```
    {
```

```
        protected void Page_Load(object sender, EventArgs e)
```

```
        {
```

```
            SqlConnection con = new SqlConnection("Data Source=SQL;Initial Catalog=tybsc123;User
            ID=user1;Password=user1");
```

```

        SqlDataAdapter ad = new SqlDataAdapter("select * from emp", con);
        DataSet ds = new DataSet();
        ad.Fill(ds);
        GridView1.DataSource = ds;
        GridView1.DataBind();
    }
}

```

OUTPUT :



The screenshot shows a web browser window with the address bar displaying 'localhost:44367/WebForm2.aspx'. Below the browser window, a table is displayed with the following data:

Id	ename	salary	age
1	ram	1500000	21
2	shubham	2000000	21
3	sid	45999	20
4	akash	7800000	21
5	sachin	450000	21
6	a	10	1
7	avb	1000	20

PRACTICAL 7:

A] Create a web application to demonstrate the use of different types of Cookies.

practical7A1.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Practical7A1.aspx.cs"
    Inherits="AWP_project.Practical7A1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            Name : <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
            class : <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
            <asp:Button ID="Button1" runat="server" Text="submit" OnClick="Button1_Click" />
        </div>
    </form>
</body>
</html>
```

practical7A2.aspx.cs:

```
using System;
using System.Web;
using System.Web.UI;

namespace AWP_project
{
    public partial class Practical7A1 : System.Web.UI.Page
    {
        protected void Button1_Click(object sender, EventArgs e)
        {
            HttpCookie cook = new HttpCookie("Info");
            cook["name"] = TextBox1.Text;
            cook["class"] = TextBox2.Text;
            Response.Cookies.Add(cook);
            cook.Expires = DateTime.Now.AddDays(10);
            Response.Redirect("Practical7A2.aspx");
        }
    }
}
```

practical7A1.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Practical7A2.aspx.cs"
    Inherits="AWP_project.Practical7A2" %>
```

```
<!DOCTYPE html>
```

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

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

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

```
</head>
```

```
<body>
```

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

```
        <div>
```

```
            <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
```

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

```
        </div>
```

```
    </form>
```

```
</body>
```

```
</html>
```

practical7A2.aspx.cs:

```
using System;
```

```
using System.Collections.Generic;
```

```
using System.Linq;
```

```
using System.Web;
```

```
using System.Web.UI;
```

```
using System.Web.UI.WebControls;
```

```
namespace AWP_project
```

```
{
```

```
    public partial class Practical7A2 : System.Web.UI.Page
```

```
    {
```

```
        protected void Page_Load(object sender, EventArgs e)
```

```
        {
```

```
            HttpCookie cook = Request.Cookies["Info"];
```

```
            if (cook != null)
```

```
            {
```

```
                Label1.Text = cook["name"];
```

```
                Label2.Text = cook["age"];
```

```
            }
```

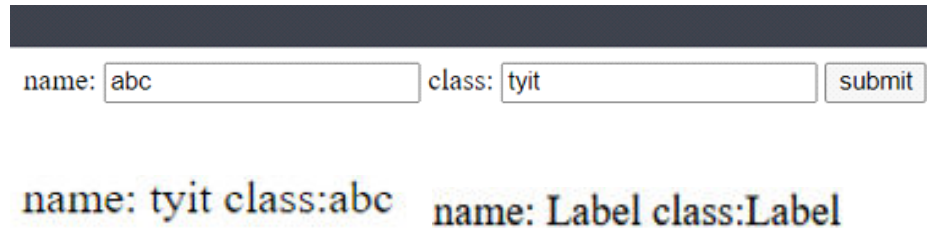
```
        }
```

```
    }
```

```
}
```

```
}
```

OUTPUT :



The screenshot shows a web form with two text input fields and a submit button. The first field is labeled 'name:' and contains the text 'abc'. The second field is labeled 'class:' and contains the text 'tyit'. The submit button is labeled 'submit'. Below the form, the rendered HTML output is displayed: 'name: tyit class:abc' and 'name: Label class:Label'.

B] Create a web application to demonstrate Form Security and Windows Security with proper Authentication and Authorization properties.

practical7B.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Practical7B1.aspx.cs"
    Inherits="AWP_project.Practical7B1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            userID: <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
            password: <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
            <asp:Button ID="Button1" runat="server" Text="submit" OnClick="Button1_Click" />
        </div>
    </form>
</body>
</html>
```

practical7B.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.Security;
namespace prac7b
{
    public partial class Practical7B1 : System.Web.UI.Page
```

```

{
    protected void Page_Load(object sender, EventArgs e)
    {

    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        if (FormsAuthentication.Authenticate(TextBox1.Text, TextBox2.Text))
        {
            FormsAuthentication.RedirectFromLoginPage(TextBox1.Text, false);
        }
        else
        {
            Response.Write("invalid credential");
            TextBox1.Text = "";
            TextBox2.Text = "";
        }
    }
}
}

```

practical7B1.aspx:

```

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Practical7B1.aspx.cs"
    Inherits="AWP_project.Practical7A1" %>

```

```

<!DOCTYPE html>

```

```

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            welcome
        </div>
    </form>
</body>
</html>

```

practical7B1.config

```

<system.web>
    <authentication mode="Forms">
        <forms loginUrl="Practical7B1.aspx" defaultUrl="Practical7B1.aspx" timeout="20" protection="None">
            <credentials passwordFormat="Clear">

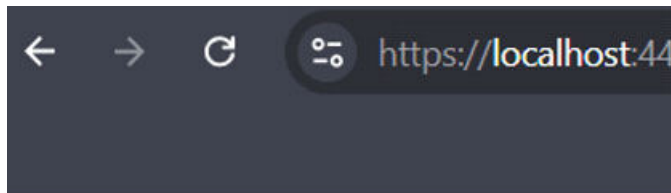
```



```
<user name="tyit" password="tyit"/>
</credentials>
</forms>
</authentication>
<authorization>
  <deny users="?" />
</authorization>
<compilation debug="true" targetFramework="4.7.2" />
<httpRuntime targetFramework="4.7.2" />
</system.web>
```

OUTPUT :

userID: password:



welcome

6 . A . Create a web application for inserting and deleting records from a database.

webform2.aspx :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs"
Inherits="WebApplication21.WebForm2" %>
```

```
<!DOCTYPE html>
```

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

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

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

```
</head>
```

```
<body>
```

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

```
<div>
```

```
<asp:DetailsView ID="DetailsView1" runat="server" Height="50px"
Width="125px"></asp:DetailsView>
```

```
<asp:SqlDataSource ID="SqlDataSource1"
runat="server"></asp:SqlDataSource>
```

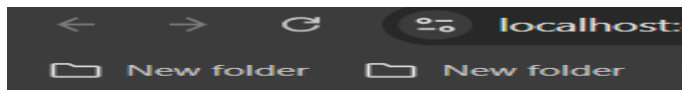
```
</div>
```

```
</form>
```

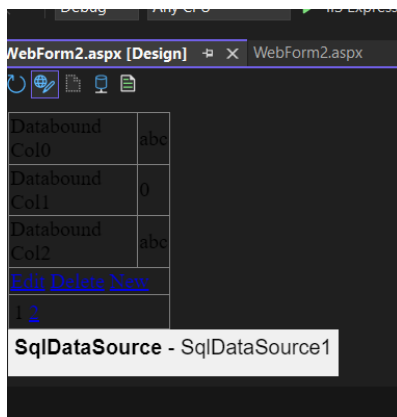
```
</body>
```

```
</html>
```

OUTPUT

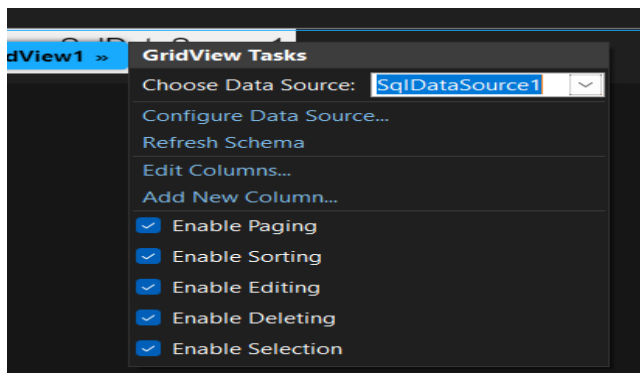
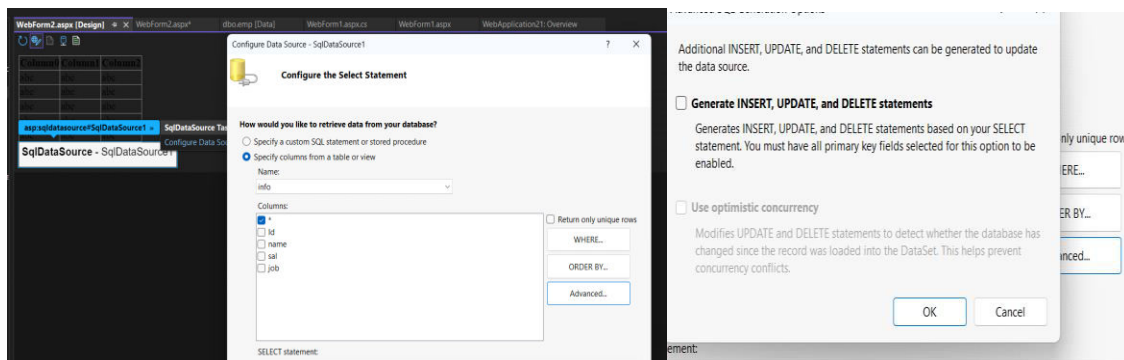


Id	1
name	sumit
sal	100000
job	trader
Edit Delete New	
1	2 3 4

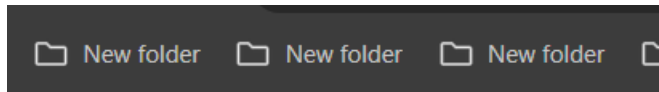


((he wrong ahe but grid view liya he udhar details view lena he))

setting :



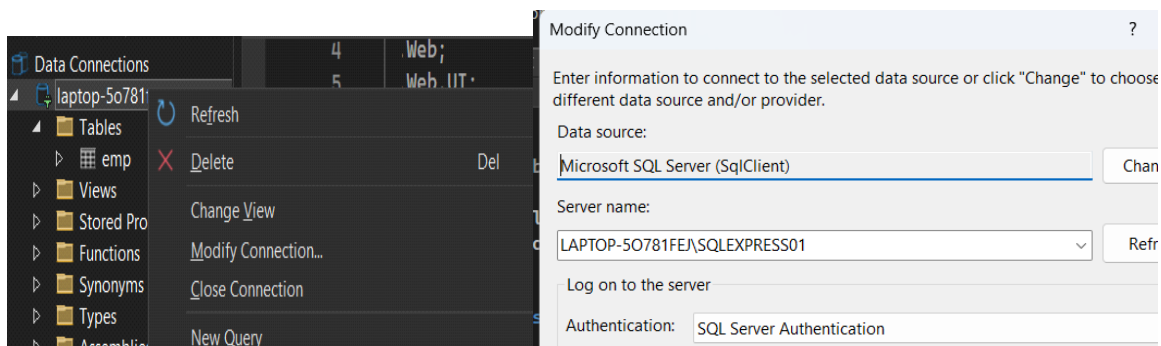
OUTPUT:



	<u>Id</u>	<u>name</u>	<u>sal</u>	<u>job</u>
Edit Delete Select	1	sumit	100000	trader
Edit Delete Select	2	sachin	99999	software
Edit Delete Select	3	shivam	99998	teacher

6 . B . Create a web application to display Using Disconnected Data Access and Databinding using GridView.

data Source= LAPTOP-50781FEJ\\SQLEXPRESS01; Initial catalog= tyit23; User ID=user1;Password=user1



webform1.aspx :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="WebApplication21.WebForm1" %>
```

```
<!DOCTYPE html>
```

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

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

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

```
</head>
```

```
<body>
```

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

```
<div>
```

```

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

    </div>

</form>

</body>

</html>

```

webform1.aspx.cs :

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;
namespace WebApplication21
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            SqlConnection con = new SqlConnection("data Source=
LAPTOP-50781FEJ\\SQLEXPRESS01; Initial catalog= tyit23; User
ID=user1;Password=user1");

            SqlDataAdapter ad = new SqlDataAdapter("select * from emp", con);

            DataSet ds = new DataSet();

            ad.Fill(ds);

            GridView1.DataSource = ds;

            GridView1.DataBind();

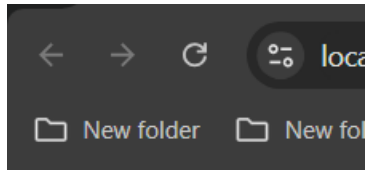
```

```

    }
}
}

```

OUTPUT :



Id	name	age	sal
1	w	12	2222
2	e	13	3333
3	r	14	44454
4	t	15	76653

6.A

1st webform1.aspx :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
    Inherits="WebApplication15.WebForm1" %>

<!DOCTYPE html>

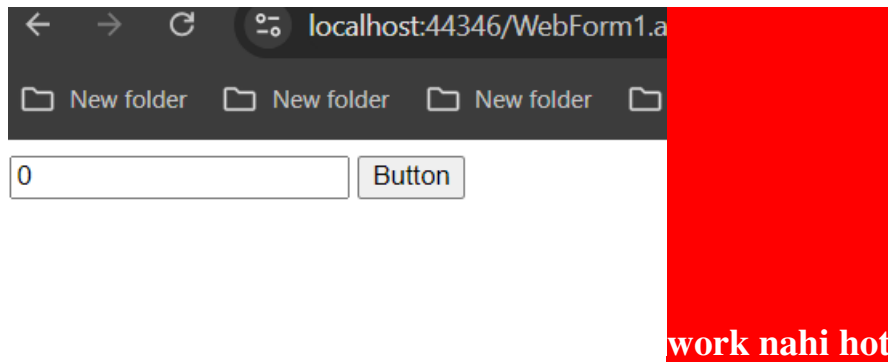
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
            <asp:Button ID="Button1" runat="server" Text="Button" OnClick="Button1_Click" />
        </div>
    </form>
</body>
</html>
```

2nd webform1.aspx.cs (view state)

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace WebApplication15
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        int x = 1;
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!IsPostBack)
            {
                TextBox1.Text = "0";
            }

            protected void Button1_Click(object sender, EventArgs e)
            {
                if (ViewState["a"] != null)
                {
                    x = Convert.ToInt32 ViewState["a"] + 1;
                }
                ViewState["a"] = x;
            }
        }
    }
}
```

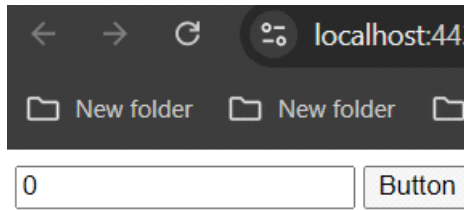


3rd webform1.aspx.cs (view state)

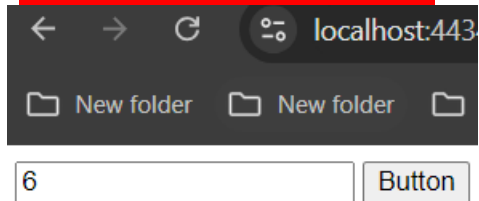
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace WebApplication15
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        int x = 1;
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!IsPostBack)
            {
                TextBox1.Text = "0";
            }
        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            if (Session["a"] != null)
            {
                x = Convert.ToInt32 Session["a"] + 1;
            }
            TextBox1.Text = x.ToString();
            Session["a"] = x;
        }
    }
}
```

Value increas hota asta



4nd webform1.aspx.cs (view state)

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace WebApplication15
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        int x = 1;
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!IsPostBack)
            {
                TextBox1.Text = "0";
            }
        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            if (Application["a"] != null)
            {
                x = Convert.ToInt32(Application["a"]) + 1;
            }
            TextBox1.Text = x.ToString();
            Application["a"] = x;
        }
    }
}
```

7. Create a web application to demonstrate the use of different types of Cookies.

1st webform 1.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="WebApplication13.WebForm1" %>
```

```
<!DOCTYPE html>
```

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

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

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

```
</head>
```

```
<body>
```

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

```
<div>
```

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

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

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

```
OnClick="Button1_Click" />
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

2nd webform1.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
```

```
namespace WebApplication13
```

```
{
```

```
    public partial class WebForm1 : System.Web.UI.Page
```

```
    {
```

```
        protected void Page_Load(object sender, EventArgs e)
```

```
        {
```

```
        }
```

```
        protected void Button1_Click(object sender, EventArgs e)
```

```
        {
```

```
            HttpCookie cook = new HttpCookie("Info");
```

```
            cook["name"] = TextBox1.Text;
```

```
            cook["age"] = TextBox2.Text;
```

```
            Response.Cookies.Add(cook);
```

```
            cook.Expires = DateTime.Now.AddDays(10);
```

```
            Response.Redirect("WebForm2.aspx");
```

```

    }
}

```

3rd webform2.aspx:

```

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs"
Inherits="WebApplication13.WebForm2" %>

```

```

<!DOCTYPE html>

```

```

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
            <asp:Label ID="Label2" runat="server" Text="Label"></asp:Label>
        </div>
    </form>
</body>
</html>

```

4th webform2.aspx.cs :

```

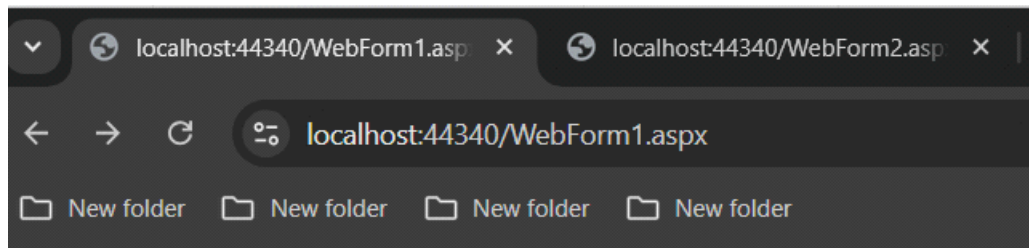
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

```

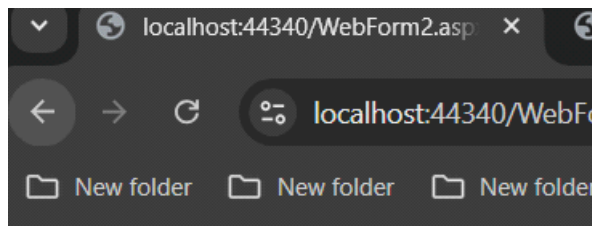
```

namespace WebApplication13
{
    public partial class WebForm2 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            HttpCookie cook = Request.Cookies["Info"];
            if (cook != null)
            {
                Label1.Text = cook["name"];
                Label2.Text = cook["age"];
            }
        }
    }
}

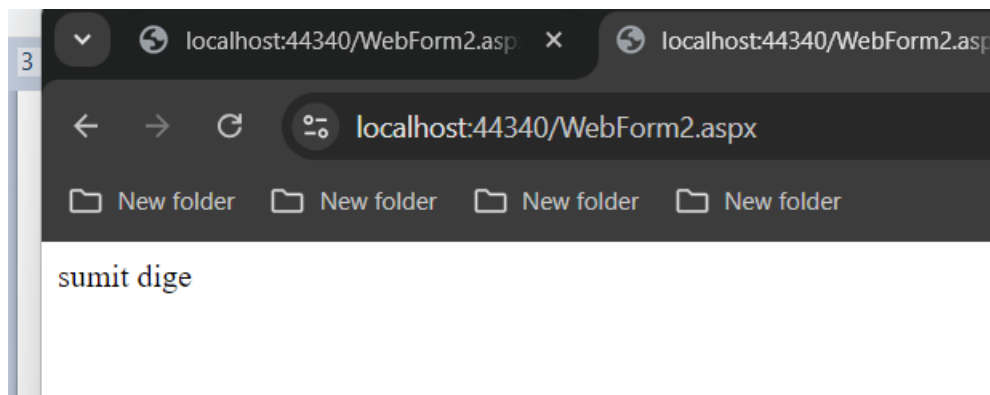
```



name : age :



sumit dige



=====

7.b Create a web application to demonstrate Form Security and Windows Security with proper Authentication and Authorization properties.

1st webform 1.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="WebApplication12.WebForm1" %>
```

```
<!DOCTYPE html>
```

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

```

</head>
<body>
    <form id="form1" runat="server">
        <div>
            userId : <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
            password : <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
            <asp:Button ID="Button1" runat="server" Text="Button" OnClick="Button1_Click" />
        </div>
    </form>
</body>
</html>

```

2nd webform1.aspx.cs:

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace WebApplication12
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            if (FormsAuthentication.Authenticate TextBox1.Text, TextBox2.Text)
            {
                FormsAuthentication.RedirectFromLoginPage TextBox1.Text, false ;
            }
            else
            {
                Response.Write "invalid credential" ;
                TextBox1.Text = "";
                TextBox2.Text = "";
            }
        }
    }
}

```

3rd webform2.aspx:

```

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs"
Inherits="WebApplication12.WebForm2" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            welcome

```

```

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

```

4th web.config file:

(right side la solution explorer madhe webform1.aspx chya war)

note: he fakte new webapplication war applied hota.

yellow color ch add karai cha fkt

```

<?xml version="1.0" encoding="utf-8"?>
<!--
  For more information on how to configure your ASP.NET application, please visit
  https://go.microsoft.com/fwlink/?LinkId=169433
-->
<configuration>
  <system.web>
    <authentication mode="Forms">
      <forms loginUrl="WebForm1.aspx" defaultUrl="WebForm2.aspx" timeout="20"
protection="None">
        <credentials passwordFormat="Clear">
          <user name="sumit" password="1234"/>
        </credentials>
      </forms>
    </authentication>
    <authorization>
      <deny users="?" />
    </authorization>

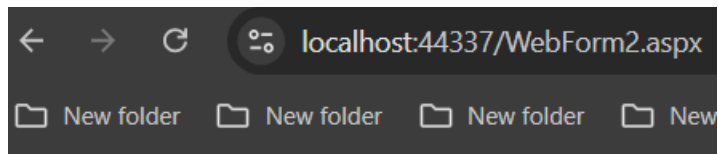
    <compilation debug="true" targetFramework="4.7.2" />
    <httpRuntime targetFramework="4.7.2" />
  </system.web>
  <system.codedom>
    <compilers>
      <compiler language="c#;cs;csharp" extension=".cs"
type="Microsoft.CodeDom.Providers.DotNetCompilerPlatform.CSharpCodeProvider,
Microsoft.CodeDom.Providers.DotNetCompilerPlatform, Version=2.0.1.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35" warningLevel="4" compilerOptions="/langversion:default
/nowarn:1659;1699;1701" />
      <compiler language="vb;vbs;visualbasic;vbscript" extension=".vb"
type="Microsoft.CodeDom.Providers.DotNetCompilerPlatform.VBCodeProvider,
Microsoft.CodeDom.Providers.DotNetCompilerPlatform, Version=2.0.1.0, Culture=neutral,
PublicKeyToken=31bf3856ad364e35" warningLevel="4" compilerOptions="/langversion:default /nowarn:41008
/define:_MYTYPE=\&quot;Web\&quot; /optionInfer" />
    </compilers>
  </system.codedom>
</configuration>

```

← → ↻ 🏠 localhost:44340/WebForm1.aspx

📁 New folder 📁 New folder 📁 New folder 📁 New folder

ame : password :



welcome

8. create application for inserting and deleting records from a database. (Using Execute-Non Query).

webform3.aspx :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm3.aspx.cs"
Inherits="WebApplication21.WebForm3" %>
```

```
<!DOCTYPE html>
```

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

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

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

```
</head>
```

```
<body>
```

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

```
<div>
```

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

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

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

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

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

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

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

webform3.aspx.cs :

```
using System;
```

```
using System.Collections.Generic;
```

```
using System.Data.SqlClient;
```



```

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace WebApplication21
{
    public partial class WebForm3 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            SqlConnection con = new SqlConnection("data Source= LAPTOP-50781FEJ\\SQLEXPRESS01;
Initial catalog= tyit23; User ID=user1;Password=user1");

            SqlCommand cmd = new SqlCommand("insert into emp values(@Id,@name,@age,@sal)", con);

            cmd.Parameters.AddWithValue("@Id", TextBox1.Text);
            cmd.Parameters.AddWithValue("@name", TextBox2.Text);
            cmd.Parameters.AddWithValue("@age", TextBox3.Text);
            cmd.Parameters.AddWithValue("@sal", TextBox4.Text);

            con.Open();

            cmd.ExecuteNonQuery();

            Response.Write("data inserted");

            con.Close();
        }

        protected void Button2_Click(object sender, EventArgs e)

```

```

{
    SqlConnection con = new SqlConnection("data Source= LAPTOP-5O781FEJ\\SQLEXPRESS01;
Initial catalog= tyit23; User ID=user1;Password=user1");

    SqlCommand cmd = new SqlCommand("delete from emp where Id=@Id", con);

    cmd.Parameters.AddWithValue("@Id", TextBox1.Text);

    con.Open();

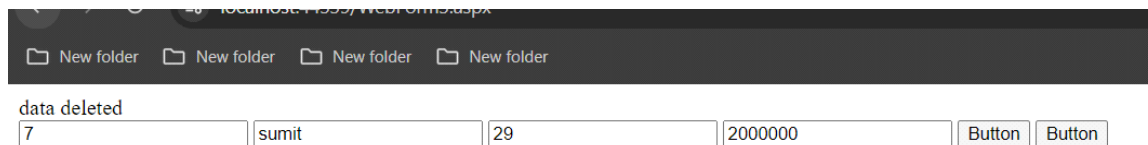
    cmd.ExecuteNonQuery();

    Response.Write("data deleted");

    con.Close();
}
}
}

```

OUTPUT :



data deleted

7	sumit	29	2000000	Button	Button
---	-------	----	---------	--------	--------

8. Create a web application for user defined exception handling.

webform4spx :

```

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm4.aspx.cs"
Inherits="WebApplication21.WebForm4" %>

```

```

<!DOCTYPE html>

```

```

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

```

```

<head runat="server">

```

```

    <title></title>

```

```

</head>

```

```

<body>

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

        <div>

            enter name :

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

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

        </div>

    </form>

</body>

</html>

```

webform4spx .cs :

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace WebApplication21
{
    public partial class WebForm4 : System.Web.UI.Page
    {
        class ageException : Exception
        {
            public ageException(string s) : base(s)
            {
            }
        }
    }
}

```

```
protected void Page_Load(object sender, EventArgs e)
```

```
{
```

```
}
```

```
protected void Button1_Click(object sender, EventArgs e)
```

```
{
```

```
    int age1 = Convert.ToInt32(TextBox1.Text);
```

```
    try
```

```
    {
```

```
        if (age1 > 80)
```

```
        {
```

```
            throw new ageException("Invalid Age !!!");
```

```
        }
```

```
    }
```

```
    catch (ageException obj)
```

```
    {
```

```
        Response.Write(obj.Message);
```

```
    }
```

```
}
```

```
}
```

```
}
```

10 b. Create a web application to demonstrate use of various Ajax controls.

1) timer :

webform5.aspx :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm5.aspx.cs"
Inherits="WebApplication21.WebForm5" %>
```

```
<!DOCTYPE html>
```

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

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

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

```
</head>
```

```
<body>
```

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

```
<div>
```

```
Outside : <asp:Label ID="Label1" runat="server"
Text="Label"></asp:Label>
```

```
<asp:ScriptManager ID="ScriptManager1"
runat="server"></asp:ScriptManager>
```

```
<asp:UpdatePanel ID="UpdatePanel1" runat="server">
```

```
<ContentTemplate>
```

```
<asp:Timer ID="Timer1" runat="server" Interval="4000"
OnTick="Timer1_Tick"></asp:Timer>
```

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

```
</ContentTemplate>
```

```
</asp:UpdatePanel>
```

```
<asp:UpdateProgress ID="UpdateProgress1" runat="server">
```

```
<ProgressTemplate>
```

```
pls wait for loading .....
```

```
        </ProgressTemplate>
    </asp:UpdateProgress>
</div>
</form>
</body>
</html>
```

webform5.aspx.cs :

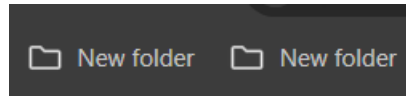
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace WebApplication21
{
    public partial class WebForm5 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            Label1.Text=DateTime.Now.ToLongTimeString();
        }

        protected void Timer1_Tick(object sender, EventArgs e)
        {
            System.Threading.Thread.Sleep(2000);
            Label2.Text = DateTime.Now.ToLongTimeString();
        }
    }
}
```

```
}  
}  
}
```

OUTPUT :



Outside : 00:23:11
inside : 00:23:17

2) Accordion :

(first setup to AJAX)

webform6.aspx :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm6.aspx.cs"  
Inherits="WebApplication21.WebForm6" %>
```

```
<!DOCTYPE html>
```

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

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

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

```
</head>
```

```
<body>
```

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

```
<div>
```

```
<ajaxToolkit:Accordion ID="Accordion1" runat="server">
```

```
<Panes>
```

```
<ajaxToolkit:AccordionPane ID="AccordionPanel1" runat="server">
```

```
<Header>
    SEM V
</Header>
<Content>
    AWP
    ET
    NGT
    AI
    IOT
    SPM
</Content>
</ajaxToolkit:AccordionPane>
<ajaxToolkit:AccordionPane ID="AccordionPane2" runat="server">
    <Header>
        PROGRAMMING
    </Header>
    <Content>
        JAVA
        C++
        PYTHON
        C#
        JAVASRIPT
        MONGO
    </Content>
</ajaxToolkit:AccordionPane>

</Panes>
</ajaxToolkit:Accordion>
<asp:ScriptManager ID="ScriptManager1"
```



```

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

    </div>

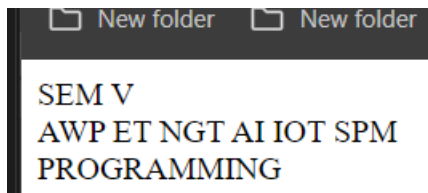
</form>

</body>

</html>

```

OUTPUT



3) AUTO Complete Extender :

(first setup to AJAX)

webform7.aspx :

```

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm7.aspx.cs"
Inherits="WebApplication21.WebForm7" %>

```

```

<!DOCTYPE html>

```

```

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

```

```

<head runat="server">

```

```

    <title></title>

```

```

</head>

```

```

<body>

```

```

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

```

```

        <div>

```

```

            <asp:ScriptManager ID="ScriptManager1"

```

```

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

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

        <ajaxToolkit:AutoCompleteExtender ID="AutoCompleteExtender1"
runat="server" ServiceMethod="getinfo" TargetControlID="TextBox1"
MinimumPrefixLength="1" BehaviorID="AutoCompleteExtender1">

        </ajaxToolkit:AutoCompleteExtender>

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

```

webform7.aspx.cs :

```

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace WebApplication21
{
    public partial class WebForm7 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }
    }
}

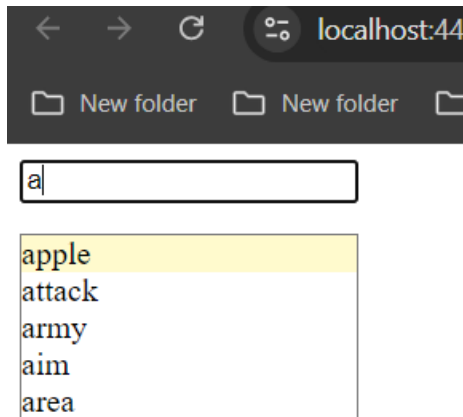
```

```

[System.Web.Script.Services.ScriptMethod()]
[System.Web.Services.WebMethod()]
public static string[] getinfo(string prefixText)
{
    String[] s1 = { "apple", "ball", "banana", "attack", "army", "aim",
"blue", "black", "area" };
    var a = from t in s1 where t.ToLower().StartsWith(prefixText) select t;
    return a.ToArray();
}
}
}

```

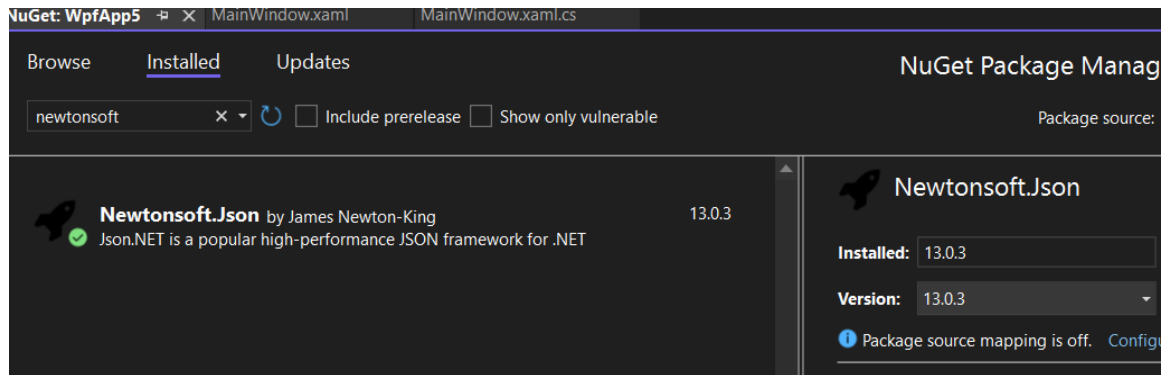
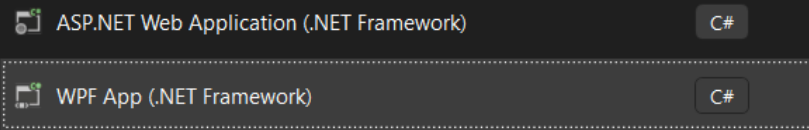
OUTPUT



10 C. Create a web application to demonstrate Installation and use of NuGet package.

SETTING :

Recent project templates



```
13 using System.Windows.Navigation;
14 using System.Windows.Shapes;
15
16 using Newtonsoft.Json; //add this line
17
```

MainWindow.xaml :

```
<Window x:Class="WpfApp5.MainWindow"
        xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
        xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"
        xmlns:d="http://schemas.microsoft.com/expression/blend/2008"
        xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"
        xmlns:local="clr-namespace:WpfApp5"
        mc:Ignorable="d"
        Title="MainWindow" Height="450" Width="800">
    <Grid Background="Orange">
        <StackPanel VerticalAlignment="Center">
```

```

        <Button Content="click here" Width="200px" Height="50px"
Click="Button_Click"/>
        <TextBlock TextWrapping="Wrap" Name="TBox1" Text="TextBlock"/>
    </StackPanel>

</Grid>
</Window>

```

MainWindow.xaml.cs :

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows;
using System.Windows.Controls;
using System.Windows.Data;
using System.Windows.Documents;
using System.Windows.Input;
using System.Windows.Media;
using System.Windows.Media.Imaging;
using System.Windows.Navigation;
using System.Windows.Shapes;

using Newtonsoft.Json; //add this line

namespace WpfApp5
{
    public partial class MainWindow : Window
    {
        public MainWindow()

```

```

{
    InitializeComponent();
}

public class A
{
    public string Name { get; set; }
    public string email { get; set; }
    public DateTime dob { get; set; }

}

private void Button_Click(object sender, RoutedEventArgs e)
{
    A obj = new A
    {
        Name = "sumit dige",
        email = " sumitdige@gmail.com",
        //dob = DateTime.Now,
        dob = new DateTime(2003,09,19),
    };

    string json = JsonConvert.SerializeObject(obj,
Newtonsoft.Json.Formatting.Indented);

    TBox1.Text = json;
}
}
}

```

OUTPUT :

it to
.

```
{  
  "Name": "sumit dige",  
  "email": "sumitdige@gmail.com",  
  "dob": "2003-09-19T00:00:00"  
}
```

click here

9 A. Create a web application to demonstrate use of GridView button column and GridView events long with paging and sorting.

webform2.aspx :

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs"
Inherits="WebApplication21.WebForm2" %>
```

```
<!DOCTYPE html>
```

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

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

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

```
</head>
```

```
<body>
```

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

```
<div>
```

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

```
<asp:SqlDataSource ID="SqlDataSource1"
runat="server"></asp:SqlDataSource>
```

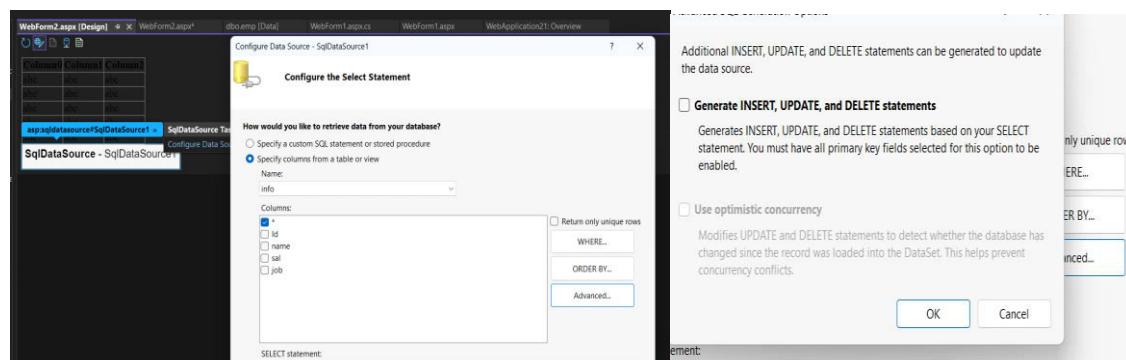
```
</div>
```

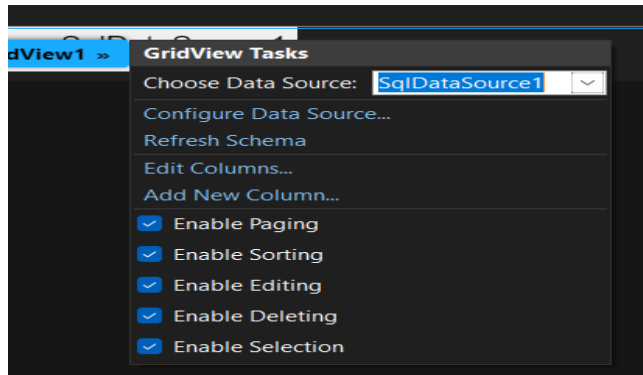
```
</form>
```

```
</body>
```

```
</html>
```

setting :





OUTPUT:

New folder New folder New folder				
	<u>Id</u>	<u>name</u>	<u>sal</u>	<u>job</u>
<u>Edit</u> <u>Delete</u> <u>Select</u>	1	sumit	100000	trader
<u>Edit</u> <u>Delete</u> <u>Select</u>	2	sachin	99999	software
<u>Edit</u> <u>Delete</u> <u>Select</u>	3	shivam	99998	teacher