PRACTICAL 1

1a.Create an application to print on screen the output of adding, subtracting, multiplying and dividing two numbers entered by the user in C#.

#code

using System;

public class PrintData

{

  public static void Main() {

      Console.WriteLine("enter the two nos:");

 int a,b;

        a=Convert.ToInt32(Console.ReadLine());

        b=Convert.ToInt32(Console.ReadLine());

 Console.WriteLine("Subtraction:"+a+"-"+b+"="+(a-b));

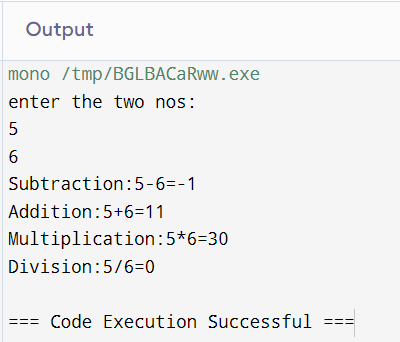
 Console.WriteLine("Addition:"+a+"+"+b+"="+(a+b));

Console.WriteLine("Multiplication:"+a+"\*"+b+"="+(a\*b));

Console.WriteLine("Division:"+a+"/"+b+"="+(a/b));

  }

}



1c.Create an application to demonstrate following operations i. Generate Fibonacci series. ii. Test for prime numbers.

i.Fibonnacci Series

using System;

public class HelloWorld

{

    public static void Main(string[] args)

    {

      int a=0,b=1,c;

      Console.WriteLine(a);

      Console.WriteLine(b);

      for(int i=0;i<5;i++)

      {

          c=a+b;

          a=b;

          b=c;

          Console.WriteLine(c);

      }

    }

}

OUTPUT:

mono /tmp/tgQ1kKNqd6.exe

0

1

1

2

3

5

8

=== Code Execution Successful ===

ii.Prime no

using System;

public class HelloWorld

{

    public static void Main(string[] args)    {

        Console.WriteLine("enter no to check if prime or not:");

        int n=Convert.ToInt32(Console.ReadLine());

        bool \_IsPrime=true;

        int flag=0;

        for(int i=1;i<=(n/2);i++){

            if(n%2==0){

            flag=1;

            break;

            }

        }

        if(flag!=1) {

                Console.WriteLine(\_IsPrime);

            }

            else     {

                \_IsPrime=false;

               Console.WriteLine(\_IsPrime);

            }

    }

} OUTPUT:

enter no to check if prime or not:

6

False

enter no to check if prime or not:

5

True

=== Code Execution Successful ===

PRACTICAL 2

2c.Create a simple application to demonstrate use of the concepts of interfaces.

#code

using System;

interface I1{

    void show();

}

interface I2{

    void show();

}

class A:I1,I2

{

     void I1.show()    {

        Console.WriteLine("interface 1");

    }

     void I2.show()    {

        Console.WriteLine("interface 2");

    }

}

public class HelloWorld

{

    public static void Main(string[] args)    {

    I1 i1=new A();

    I2 i2=new A();

    i1.show();

    i2.show();

    }

} OUTPUT:

interface 1

interface 2

=== Code Execution Successful ===

PRACTICAL 3

3a.Create a simple web page with various server controls to demonstrate setting and use of their properties. (Example : AutoPostBack)

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="prac3.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="4000000">uran</asp:ListItem>

                    <asp:ListItem Value="400706">nerul</asp:ListItem>

                    <asp:ListItem Value="400789">thane</asp:ListItem>

                </asp:DropDownList>

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

                <asp:RadioButtonList ID="RadioButtonList1" AutoPostBack="true" runat="server" OnSelectedIndexChanged="RadioButtonList1\_SelectedIndexChanged">

                    <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" AutoPostBack="true" runat="server" OnSelectedIndexChanged="RadioButtonList2\_SelectedIndexChanged">

                      <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: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>

------------------------------------------------------

**.aspx.cs**

        using System;

        using System.Collections.Generic;

        using System.Linq;

        using System.Web;

        using System.Web.UI;

        using System.Web.UI.WebControls;

namespace WebApplication23

{

    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

            {

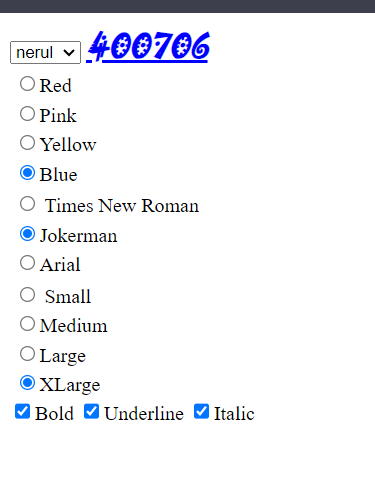
                Label1.Font.Italic = false;

            }

        }

    }

}



3b. Create a simple application to demonstrate your vacation using calendar control.

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="prac3b.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: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>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace prac3b

{

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

{

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void Calendar1\_DayRender(object sender, DayRenderEventArgs e)

{

if (e.Day.Date.Day == 19 && e.Day.Date.Month == 7)

{

Label obj = new Label();

obj.Text = "Ganesh chaturthi";

e.Cell.Controls.Add(obj);

}

DateTime t1 = new DateTime(2024, 09, 07);

DateTime t2 = t1.AddDays(4);

Calendar1.SelectedDates.SelectRange(t1, t2);

TimeSpan t = new DateTime(2024, 09, 11) - DateTime.Now;

Label1.Text = ("no of days left for the vacation:" + t.Days);

}

protected void Calendar1\_SelectionChanged(object sender, EventArgs e)

{

Response.Write(Calendar1.SelectedDate.ToLongDateString());

}

}

}



3c. Demonstrate the use of Treeview operations on the web form.

<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="Site1.master.cs" Inherits="prac3c.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="sem V">

<asp:TreeNode Text="AWD" NavigateUrl="~/WebForm1.aspx"></asp:TreeNode>

<asp:TreeNode Text="AI" NavigateUrl="~/WebForm2.aspx"></asp:TreeNode>

<asp:TreeNode Text="ET" 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.

<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="prac3c.WebForm1" %>

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

AWD

</asp:Content>

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

Advanced Web Programming

</asp:Content>

WEBFORM2.

<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs" Inherits="prac3c.WebForm2" %>

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

AI

</asp:Content>

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

Artificial Intellegence

</asp:Content>

WEBFORM3.

<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true" CodeBehind="WebForm3.aspx.cs" Inherits="prac3c.WebForm3" %>

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

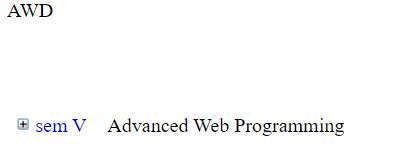
ET

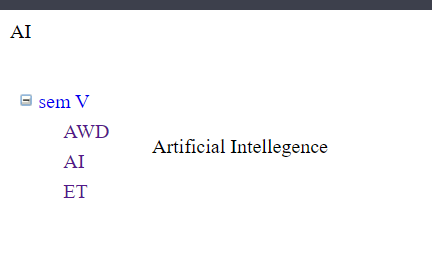
</asp:Content>

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

Emerging technology

</asp:Content>





PRACTICAL4

4a. Create a Registration form to demonstrate use of various Validation controls.

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="pract4a.WebForm1" %>

<!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"></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"></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" ></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"></asp:RequiredFieldValidator>

<br />

ReEnter 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"></asp:CompareValidator>

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

</div>

</form>

</body>

</html>

-------------------------------------------------------

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 WebForm1 : System.Web.UI.Page {

protected void Page\_Load(object sender, EventArgs e)

{

}

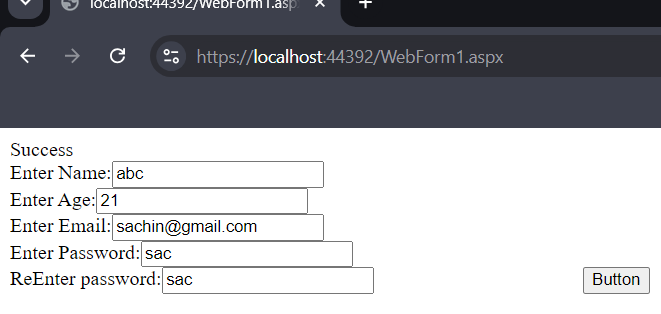
protected void Button1\_Click(object sender, EventArgs e) {

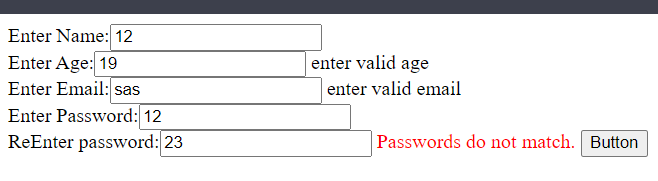
if(Page.IsValid) {

Response.Write("Success");

}

} }}





4b. Create Web Form to demonstrate use of Adrotator Control.

WEBFORM1

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="prac4b.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:AdRotator ID="AdRotator1" runat="server" AdvertisementFile="~/XMLFile1.xml" />

</div>

</form>

</body>

</html>

XMLFILE.xml

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

<Advertisements>

<Ad>

<NavigateUrl> https://www.google.com/</NavigateUrl>

<ImageUrl>https://yt3.googleusercontent.com/viNp17XpEF-AwWwOZSj\_TvgobO1CGmUUgcTtQoAG40YaYctYMoUqaRup0rTxxxfQvWw3MvhXesw=s900-c-k-c0x00ffffff-no-rj</ImageUrl>

<AlternateText>Google</AlternateText>

<Impressions>20</Impressions>

<Keywords>google</Keywords>

</Ad>

<Ad>

<NavigateUrl> https://mail.google.com/</NavigateUrl>

<ImageUrl>https://cdn2.downdetector.com/static/uploads/logo/gmail\_logo\_hSykdMC.jpeg</ImageUrl>

<AlternateText>gmail</AlternateText>

<Impressions>10</Impressions>

<Keywords>google</Keywords>

</Ad>

<Ad>

<NavigateUrl> https://in.search.yahoo.com/</NavigateUrl>

<ImageUrl>https://play-lh.googleusercontent.com/7W0P3Cntpy3sVNRtCKe-cjuLMh47hZyR2YQOAZH-Qm6U7n0gYmCSR\_vzqrEJq8zQdjU</ImageUrl>

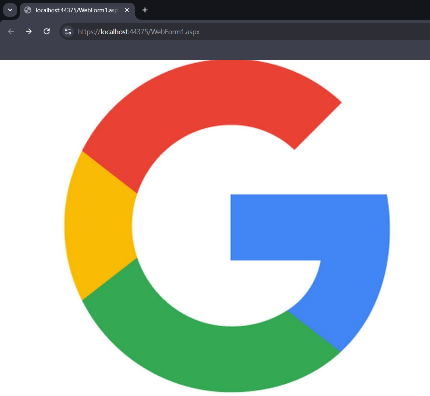
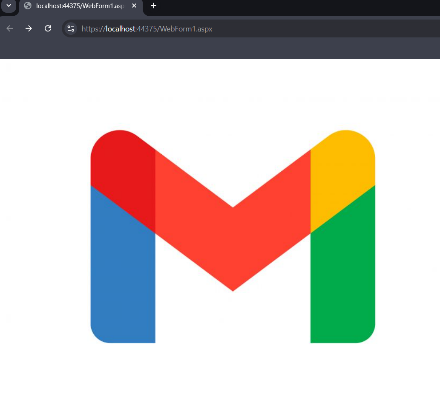
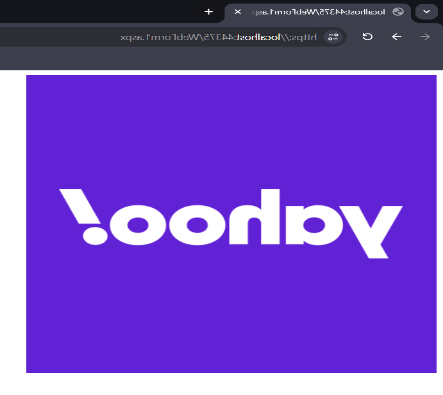
<AlternateText>yahoo</AlternateText>

<Impressions>5</Impressions>

<Keywords>google</Keywords>

</Ad>

</Advertisements>

4c. Create Web Form to demonstrate use User Controls

**User control**

tyit.ascx

<%@ Control Language="C#" AutoEventWireup="true" CodeBehind="tyit.ascx.cs" Inherits="prac5.tyit" %>

<asp:Calendar ID="Calendar1" runat="server" OnSelectionChanged="Calendar1\_SelectionChanged"></asp:Calendar>

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

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace practical4a

{

public partial class WebUserControl1 : System.Web.UI.UserControl

{

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void Calendar1\_SelectionChanged(object sender, EventArgs e)

{

Label1.Text = Calendar1.SelectedDate.ToLongDateString();

}

}

}

WEBFORM1

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="practical4a.WebForm1" %>

<%@ Register Src="~/tyit.ascx" TagPrefix="uc1" TagName="tyit" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

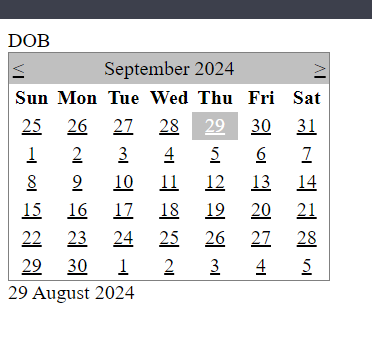
DOB <uc1:tyit runat="server" id="tyit" />

</div>

</form>

</body>

</html>



WEBFORM2

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs" Inherits="practical4a.WebForm2" %>

<%@ Register Src="~/tyit.ascx" TagPrefix="uc1" TagName="tyit" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

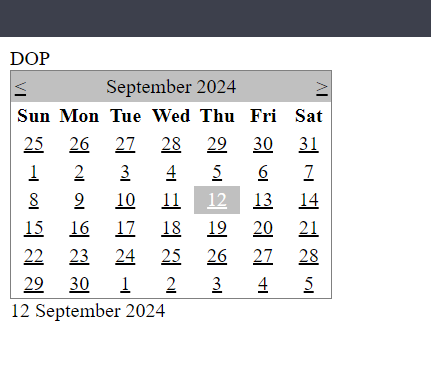
DOP <uc1:tyit runat="server" id="tyit" />

</div>

</form>

</body>

</html>



WEBFORM3

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm3.aspx.cs" Inherits="practical4a.WebForm3" %>

<%@ Register Src="~/tyit.ascx" TagPrefix="uc1" TagName="tyit" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

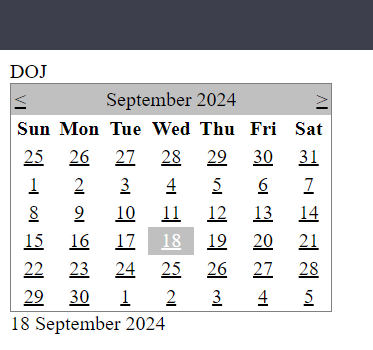
DOJ <uc1:tyit runat="server" id="tyit" />

</div>

</form>

</body>

</html>



PRACTICAL5

5a,b. Create Web Form to demonstrate use of Website Navigation controls.

Create a web application to demonstrate use of Master Page and content page.

<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="Site1.master.cs" Inherits="prac5.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="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="AWD" NavigateUrl="~/WebForm1.aspx"/>

<asp:MenuItem Text="AI" NavigateUrl="~/WebForm2.aspx"/>

<asp:MenuItem Text="ET" NavigateUrl="~/WebForm3.aspx"/>

</asp:MenuItem>

<asp:MenuItem Text="SEM VI">

<asp:MenuItem Text="BI" NavigateUrl="~/WebForm4.aspx"/>

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

</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 @2024</asp:TableCell>

</asp:TableRow>

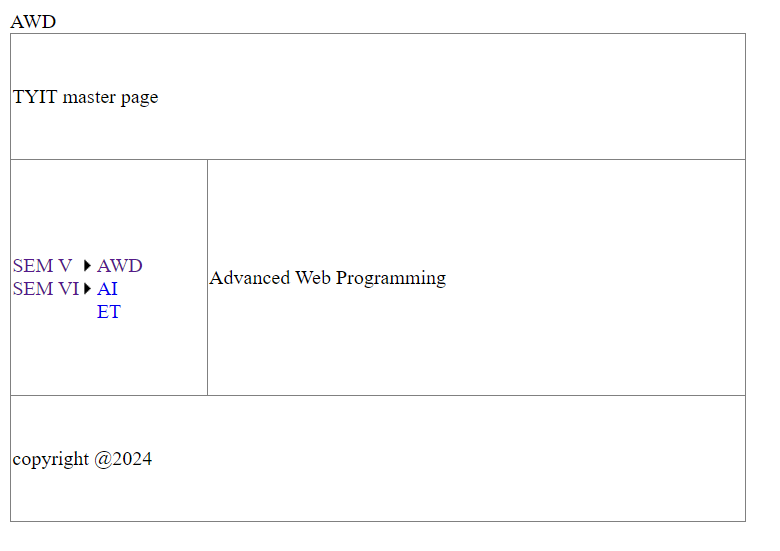
</asp:Table>

</div>

</form>

</body>

</html>



5c. Create a web application to demonstrate various states of ASP.NET Pages.

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="prac5c.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>

VIEW STATE

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace prac5c

{

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;

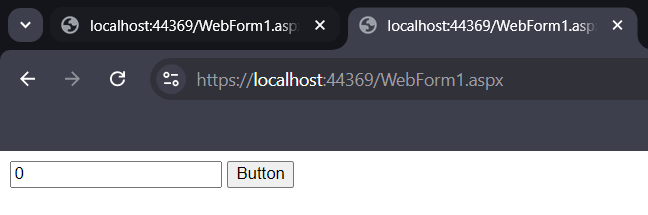
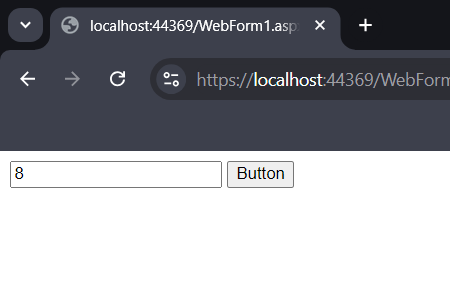
}

TextBox1.Text = x.ToString();

ViewState["a"] = x;

}

}

}

SESSION STATE

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 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){

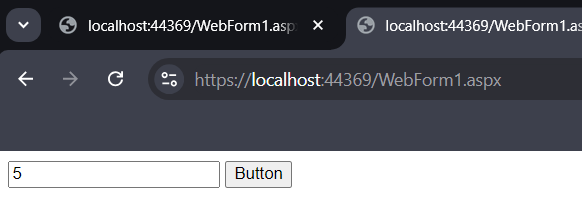
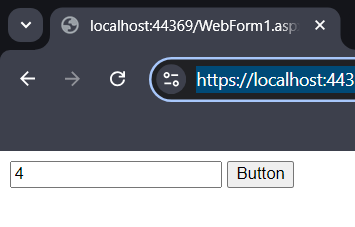
x = Convert.ToInt32(Session["a"])+1;}

TextBox1.Text = x.ToString();

Session["a"] = x;

}}

}



APPLICATION STATE

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 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)

{

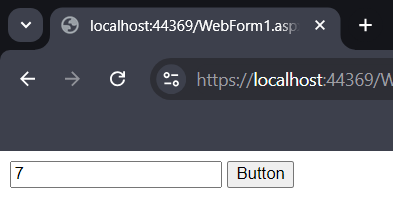
x = Convert.ToInt32(Application["a"])+1;

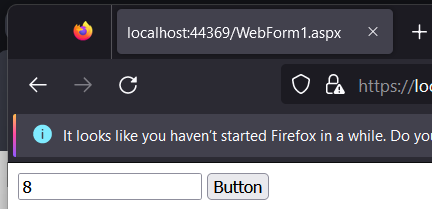
}

TextBox1.Text = x.ToString();

Application["a"] = x;

}}}

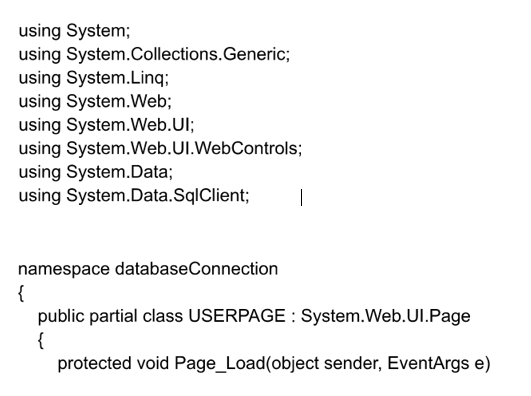


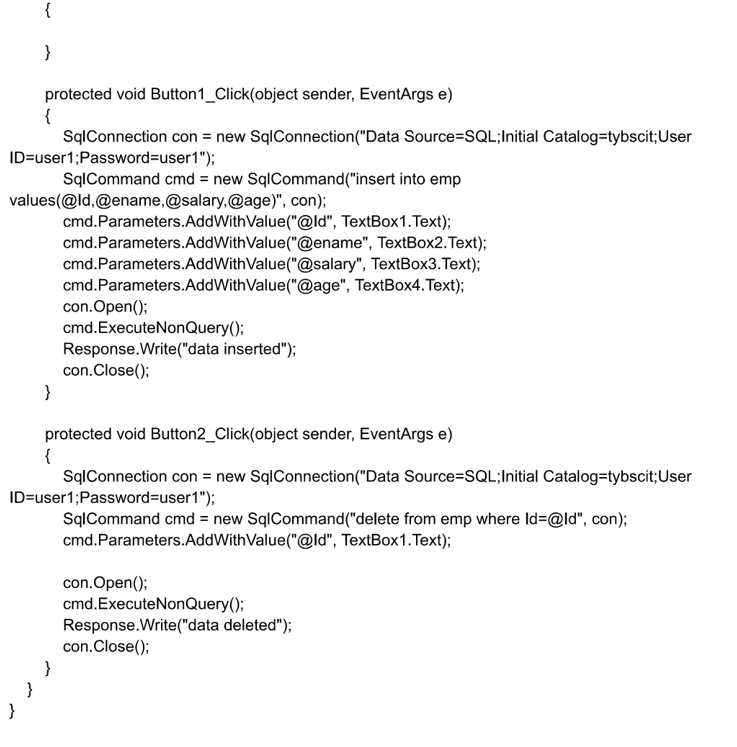


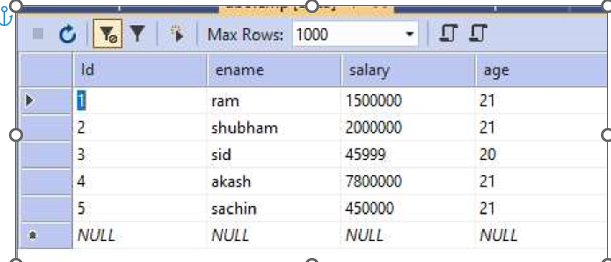
PRACTICAL6

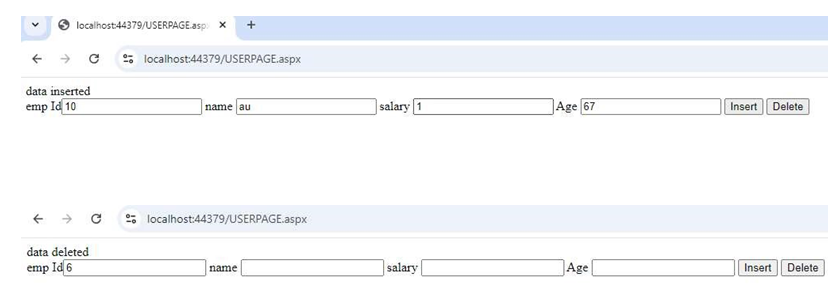
6A. Create a web application for inserting and deleting records from a database.



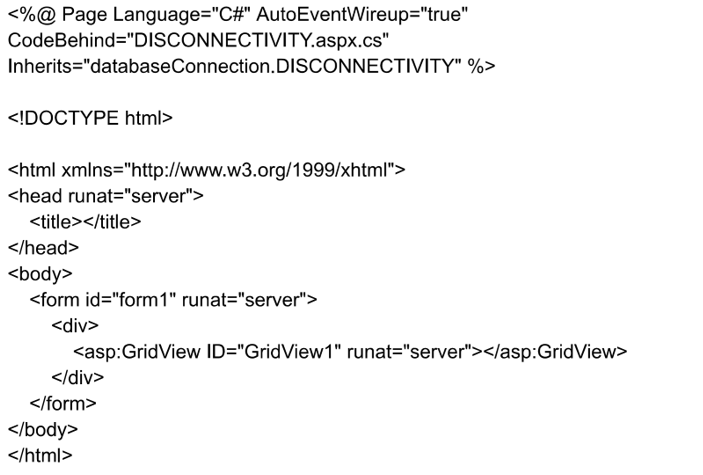
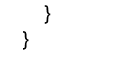
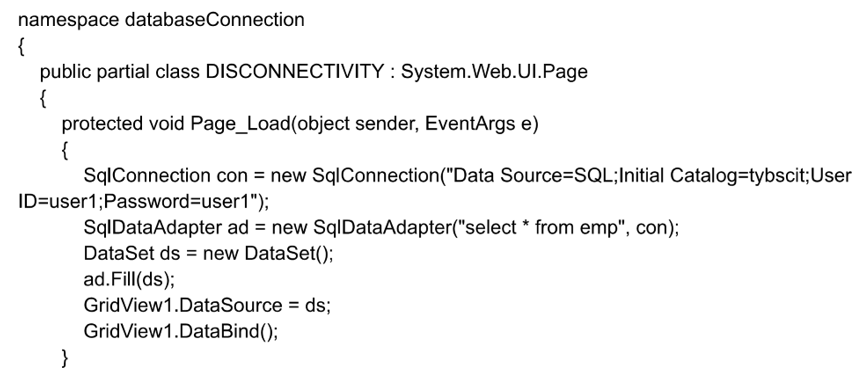
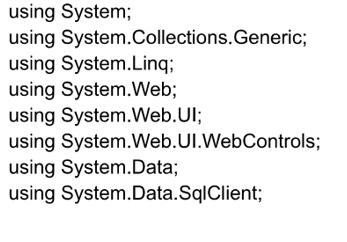


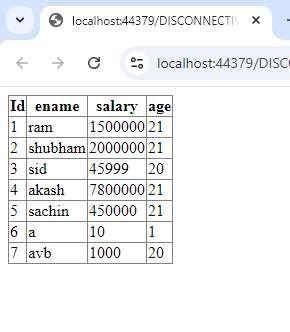






6B. Create a web application to display Using Disconnected Data Access and Databinding using GridView.



PRACTICAL 7

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

WEBFORM1

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="prac7a.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>

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

<asp:Button ID="Button1" runat="server" Text="submit" OnClick="Button1\_Click" />

</div>

</form>

</body>

</html>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace prac7a

{

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 cookie = new HttpCookie("studinfo");

cookie["name"] = TextBox1.Text;

cookie["class"] = TextBox2.Text;

cookie.Expires = DateTime.Now.AddDays(4);

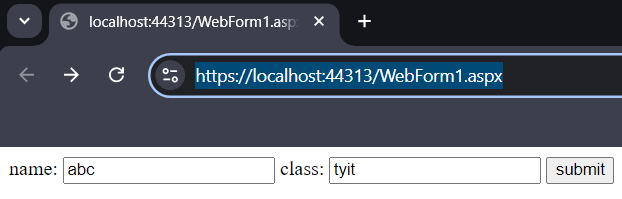
Response.Cookies.Add(cookie);

Response.Redirect("webform2.aspx");

}

}

}



WEBFORM2

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs" Inherits="prac7a.WebForm2" %>

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

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

</div>

</form>

</body>

</html>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace prac7a

{

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

{

protected void Page\_Load(object sender, EventArgs e)

{

HttpCookie cookie = Request.Cookies["studinfo"];

if (cookie != null)

{

Label1.Text = cookie["name"];

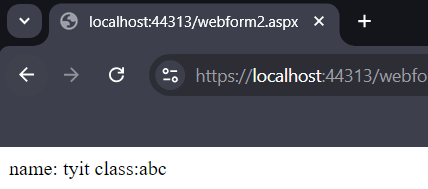
Label2.Text = cookie["class"];

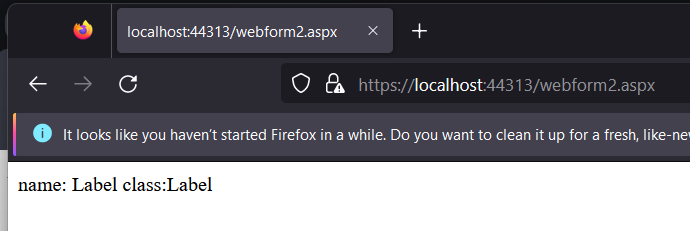
}

}

}

}





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

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="prac7b.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="submit" OnClick="Button1\_Click" />

</div>

</form>

</body>

</html>

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 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 = "";

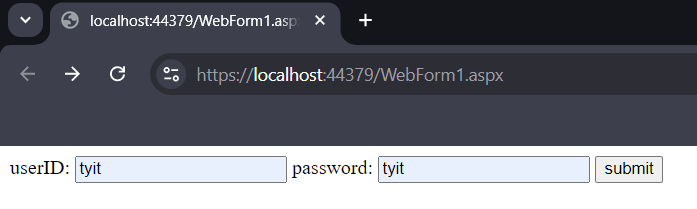
TextBox2.Text = "";

}

}

}

}



WEBFORM2

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs" Inherits="prac7b.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>

WEB.CONFIG

<system.web>

<authentication mode="Forms">

<forms loginUrl="WebForm1.aspx" defaultUrl="WebForm2.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>

