

1. AIM: Design an ASP.NET application to demonstrate Webform markup and redirection?

## SOURCE CODE:

### DesignView:



Fig. 1.1: FirstPage

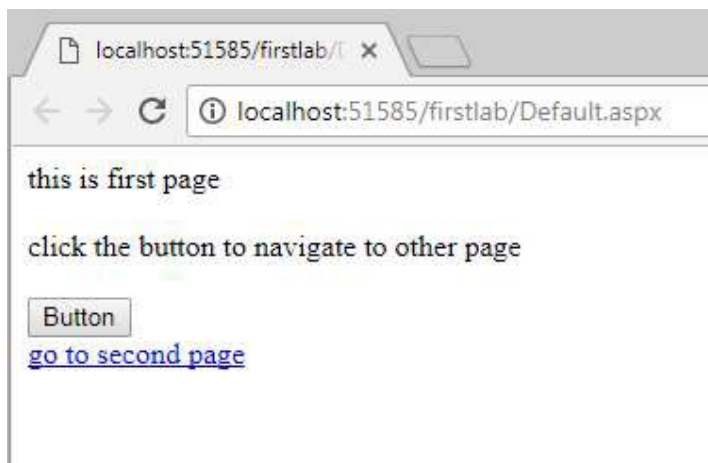
Default.aspx source code:

```
<%@ Page Language="C#" AutoEventWireup="true"
CodeFile="Default.aspx.cs" Inherits="_Default" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
<title></title>
</head>
<body>
<form id="form1" runat="server">
<div>
this is first page
<br />
click the button to navigate to other page
<asp:Button ID="Button1" runat="server" OnClick="Button1_Click"
Text="Button"/>
<br/>
<asp:HyperLink ID="HyperLink1" runat="server"
NavigateUrl="~/Default2.aspx" >go to second page </asp:HyperLink>
</div></form>
</body>
</html>
```

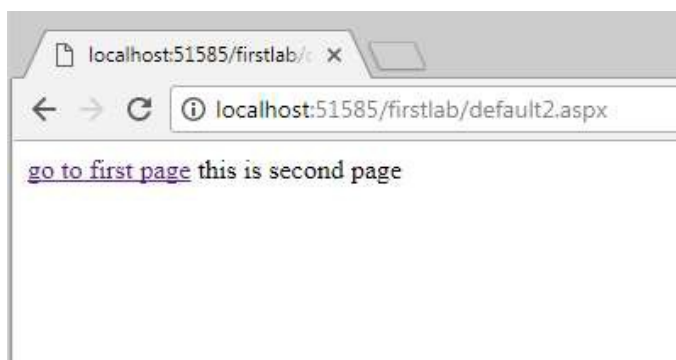
## Default.aspx.cs code:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
public partial class _Default : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        Response.Redirect("default2.aspx");
    }
}
```

## Output:



When you click on the hyperlink or the button it goes to default2.aspx page.



2. AIM: Design an ASP.NET application to demonstrate WebControls.

SOURCE CODE:

Design View:

Fig2.1:Registration Form

Reg\_form.aspx Source Code:

```
<%@ Page Language="C#" AutoEventWireup="true"
CodeFile="reg_form.aspx.cs" Inherits="reg_form" %>

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div style="height: inherit; clip: rect(20px, 500px, auto, auto); top: 20px; right:
        602px;">
            REGISTRATION FORM<br />
            Name:<asp:TextBox ID="txtname" runat="server"></asp:TextBox>
```

```

<asp:Image ID="Image1" runat="server" Height="150px" ImageAlign="Right" />
<br />
RegdNo:<asp:TextBox ID="txtregd" runat="server"></asp:TextBox>
<br />
Gender:<asp:RadioButtonList ID="RadioButtonList1" runat="server">
    <asp:ListItem>Male</asp:ListItem>
    <asp:ListItem>Female</asp:ListItem>
</asp:RadioButtonList>
<br />
Branch:<asp:DropDownList ID="DropDownList1" runat="server">
    <asp:ListItem>It</asp:ListItem>
    <asp:ListItem>CSE</asp:ListItem>
    <asp:ListItem>ECE</asp:ListItem>
    <asp:ListItem>EIE</asp:ListItem>
</asp:DropDownList>
<br />
Date of birth:<asp:Calendar ID="Calendar1" runat="server"></asp:Calendar>
<br />
Study:<asp:CheckBoxList ID="CheckBoxList1" runat="server">
    <asp:ListItem>Btech</asp:ListItem>
    <asp:ListItem>Degree</asp:ListItem>
</asp:CheckBoxList>
<br />
Address:<asp:TextBox ID="TextBox1"
runat="server"
TextMode="MultiLine"></asp:TextBox>
<br />
    <asp:Button ID="Button1" runat="server" Text="SUBMIT"
        OnClick="Button1_Click" />
<br />
<div id="para"></div>

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

```

Reg\_form.aspx.cs:

```

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

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

```

```

        Image1.ImageUrl="img1.jpg";
    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        string name, regdno ,gender;
        name =txtname.Text;
        regdno = txtregd.Text;
        gender = RadioButtonList1.SelectedValue;
        Button1.Text = "name:" + name + "\n" + "regdno" + regdno + "\n" + "gender:" +
        gender;
    }
}

```

Output:

REGISTRATION FORM

Name:

RegdNo:

Gender:

☒ Male

☐ Female

Branch:

Date of birth:

| April 2018 |     |     |     |     |     |     |
|------------|-----|-----|-----|-----|-----|-----|
| 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   |

Study:

☒ Btech

☐ Degree

Address:

name:chandu regdno1111 gender:Male

### 3. AIM: Design an ASP.NET application to demonstrate View State.

#### SOURCE CODE:

DesignView:

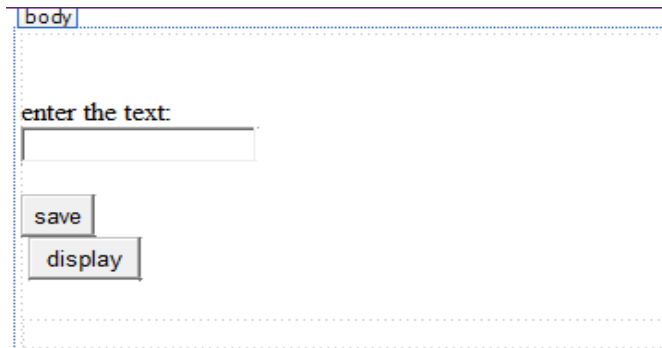


Fig3.1:ViewState

Default.aspx sourceCode:

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

<!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>
            <br />
            <br />
            <asp:Button ID="Button3" runat="server" OnClick="Button3_Click" Text="save"
            />
            <asp:Button ID="Button2" runat="server" OnClick="Button2_Click" Text="load"
            />
        </div>
    </form>
</body>
</html>
```

Default.aspx.cs:

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

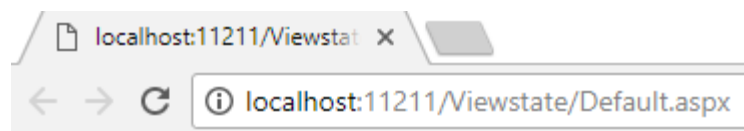
public partial class _Default : System.Web.UI.Page
{
    private String Contents;
    protected void Page_Load(object sender, EventArgs e)
    {
        if (this.IsPostBack)
        {
            Contents=(string)ViewState["Contents"];
        }
    }
    protected void Page_PreRender(object sender,EventArgs e)
    {
        ViewState["Contents"]=Contents;
    }
    protected void Button3_Click(object sender, EventArgs e)
    {
```

Contents=TextBox1.Text;

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

```
protected void Button2_Click(object sender, EventArgs e)
{
    TextBox1.Text = Contents;
}
}
```

Output:



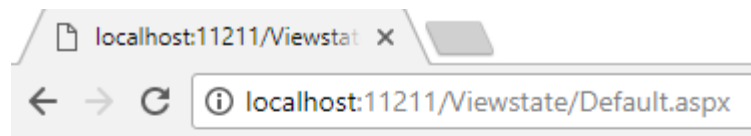
enter the text:

chandu

save

display

press save button



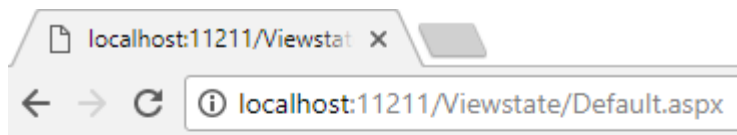
enter the text:

save

display

**the entered text is saved**

press display button



enter the text:

save

display

**you have enteredchandu**



4. AIM: Design an ASP.NET application to demonstrate Cookies.

### SOURCE CODE:

Cookie.aspx

DesignView:

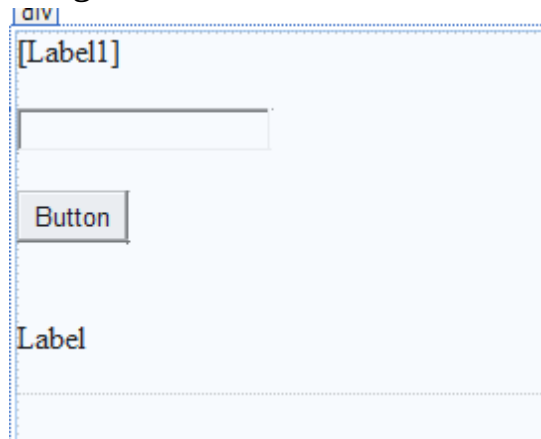


Fig4.1:Cookies

Cookie.aspx Source Code:

```
<%@ Page Language="C#" AutoEventWireup="true"
CodeFile="cookie.aspx.cs" Inherits="cookie" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body style="height: 180px">
    <form id="form1" runat="server">
        <div>

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

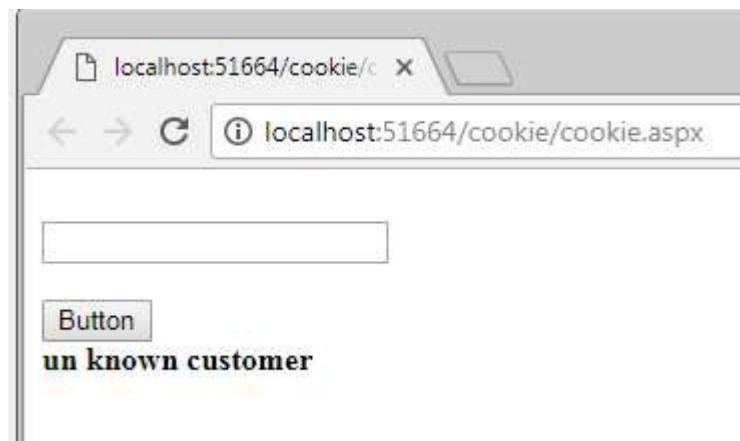
            <br />
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
            <br />
            <br />
            <asp:Button ID="Button1" runat="server" OnClick="Button1_Click"
Text="Button" />
            <br />
        </div>
    </form>
</body>
</html>
```

```
<asp:Label ID="Label2" runat="server" Text="Label"></asp:Label>
</div>
</form>
</body>
</html>
```

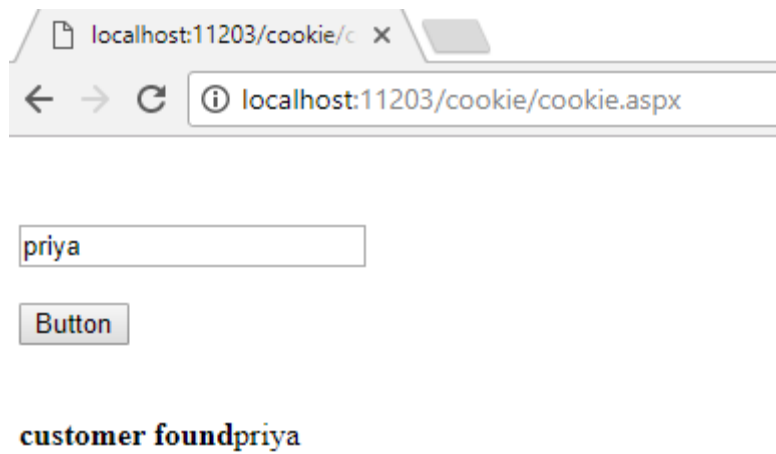
Cookie.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI.WebControls;
using
System.Web.UI;
public partial class cookie : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        HttpCookie cookie = Request.Cookies["preferences"];
        if (cookie == null)
        {
            Label2.Text = "<b>un known customer</b>";
        }
        else
        {
            Label2.Text = "<b>customer
found</b>"; Label2.Text +=
cookie["Name"];
        }
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        HttpCookie cookie = Request.Cookies["preferences"];
        if(cookie==null)
        {
            cookie=new HttpCookie("preferences");
        }
        else
            Label2.Text="<b>customer found</b>";
        cookie["Name"]=TextBox1.Text;
    }
    cookie.Expires=DateTime.Now.AddYears(1);
        Response.Cookies.Add(cookie);
    }
}
```

Output:



Enter any customer name



5. AIM: Design an ASP.NET application to demonstrate SessionState to transfer data between two pages.

### SOURCE CODE:

#### Session State DesignView:

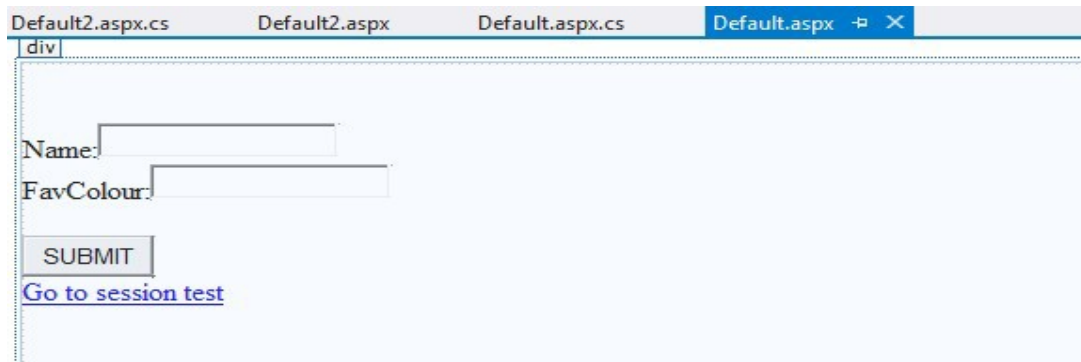


Fig5.1:SessionState

#### Default.aspx Source Code:

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

<!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>
      <br />
      FavColour:<asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
      <br />
      &nbsp;<br />
      <asp:Button ID="Button1" runat="server" OnClick="Button1_Click"
      Text="SUBMIT" />
      <br />
      <asp:HyperLink ID="HyperLink1" runat="server"
      NavigateUrl="~/Default2.aspx">Go to session test</asp:HyperLink>
    </div>
  </form>
</body>
```

```
</html>
```

Default.aspx.cs:

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

public partial class _Default : System.Web.UI.Page
{
    protected void Button1_Click(object sender, EventArgs e)
    {
        Session["Name"]=TextBox1.Text;
        Session["Fcolor"] =
        TextBox2.Text;
    }
}
```

Default2.aspx DesignView:

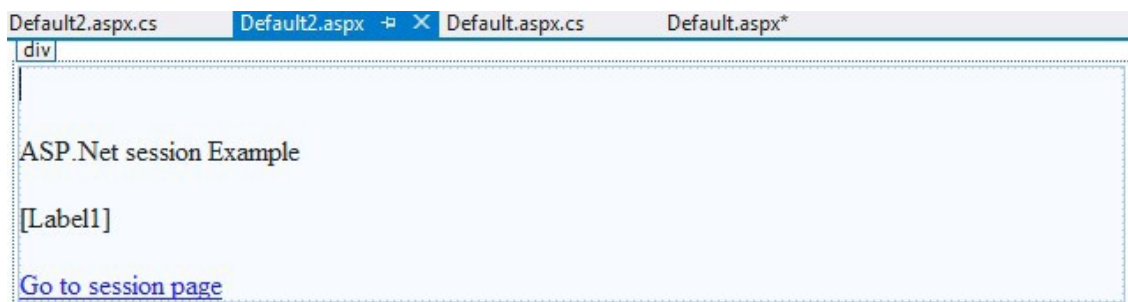


Fig5.2:SessionPage

Default2.aspx SourceCode:

```
<%@ Page Language="C#" AutoEventWireup="true"
CodeFile="Default2.aspx.cs" Inherits="Default2" %>

<!DOCTYPE html>

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

```
</head>
<body>
  <form id="form1" runat="server">
    <div>
      <br />
      <br />
      ASP.Net session Example<br />
      <br />
      <asp:Label ID="Label1" runat="server" Text=""></asp:Label>
      <br />
      <br />
      <asp:HyperLink ID="HyperLink1" runat="server"
NavigateUrl="~/Default.aspx">Go to session page</asp:HyperLink>
      <br />

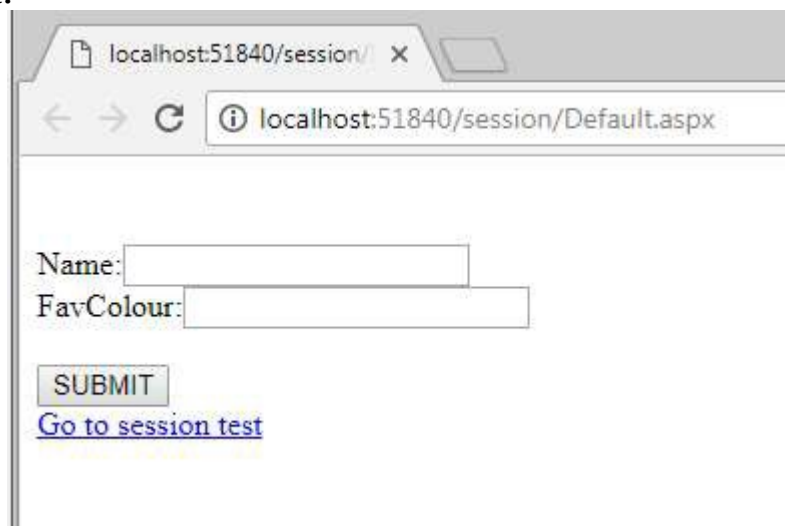
    </div>
  </form>
</body></html>
```

Default.aspx.cs:

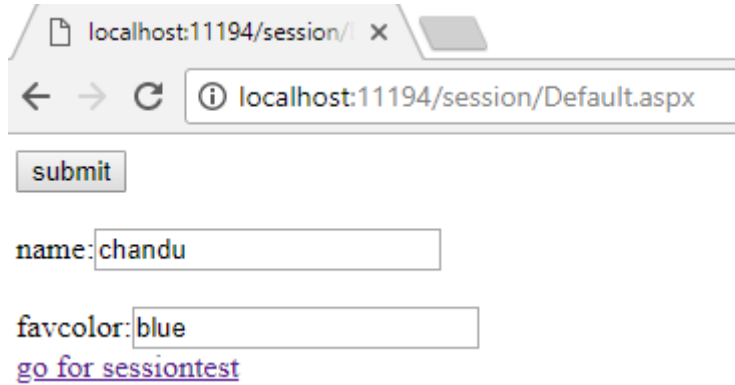
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class Default2 : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        Label1.Text = Session["Name"] + " " + Session["Fcolor"];
    }
}
```

Output:

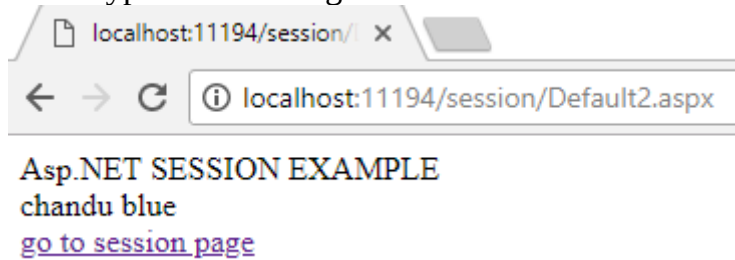


Enter name and select colour



A screenshot of a web browser window. The address bar shows 'localhost:11194/session/' with a close button. Below the address bar, there are navigation buttons (back, forward, refresh) and an information icon. The main content area displays a form with a 'submit' button, a text input field labeled 'name:' containing 'chandu', and another text input field labeled 'favcolor:' containing 'blue'. Below the 'favcolor:' field is a purple hyperlink labeled 'go for sessiontest'.

Click on the hyperlink to navigate



A screenshot of a web browser window. The address bar shows 'localhost:11194/session/Default2.aspx'. The main content area displays the text 'Asp.NET SESSION EXAMPLE', followed by 'chandu blue', and a purple hyperlink labeled 'go to session page'.

6. AIM: Design an ASP.NET application to demonstrate validating ASP.NET webpages using validation controls

### SOURCE CODE:

#### Default.aspx DesignView:

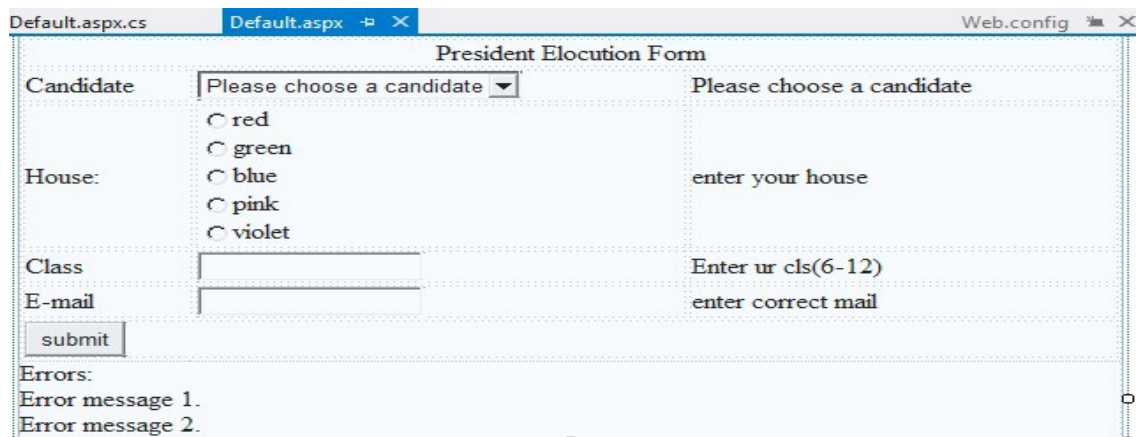


Fig6.1:President ElocutionForm

#### Default.aspx SourceCode:

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

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
<title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div style="height: 797px">
            <table style="width: 100%;">
            <tr>
                <td colspan="3" align="center">
                    <asp:Label ID="Lblmsg" runat="server" Text="President Elocution
Form"></asp:Label>
                </td>
            </tr>
            <tr>
                <td>Candidate</td>
                <td><asp:DropDownList ID="Ddlcandidate" runat="server">
```



```

        <asp:ListItem>Please choose a candidate</asp:ListItem>
        <asp:ListItem>chandu</asp:ListItem>
        <asp:ListItem>vamsi</asp:ListItem>
        <asp:ListItem>veeru</asp:ListItem>
        <asp:ListItem>harsha</asp:ListItem>
        <asp:ListItem>kashif</asp:ListItem>

    </asp:DropDownList></td>
</tr>
    <asp:RequiredFieldValidator ID="rfvcandidate" runat="server"
InitialValue="Please choose a candidate" ErrorMessage="Please choose a
candidate"
ControlToValidate="Ddlcandidate"></asp:RequiredFieldValidator>
</td>
</tr>
<tr>
    <td>House:</td>
    <td>
        <asp:RadioButtonList ID="Rblhouse" runat="server"
RepeatLayout="Flow">
            <asp:ListItem>red</asp:ListItem>
            <asp:ListItem>green</asp:ListItem>
            <asp:ListItem>blue</asp:ListItem>
            <asp:ListItem>pink</asp:ListItem>
            <asp:ListItem>violet</asp:ListItem>
        </asp:RadioButtonList>
    </td>
    <td>
        <asp:RequiredFieldValidator ID="Rfvhouse" runat="server"
ErrorMessage="enter your house"
ControlToValidate="Rblhouse"></asp:RequiredFieldValidator>
    </td>
</tr>
<tr>
    <td>Class</td>
    <td>
        <asp:TextBox ID="Txtcls" runat="server"></asp:TextBox>
    </td>
    <td>
        <asp:RangeValidator ID="Rvcls" runat="server" ErrorMessage="Enter ur
cls(6-12)" MaximumValue="12" MinimumValue="6" Type="Integer"
ControlToValidate="Txtcls"></asp:RangeValidator>
    </td>
</tr>
<tr>
    <td>E-mail</td>
    <td>

```

```

        <asp:TextBox ID="Txtmail" runat="server"></asp:TextBox>
    </td>
    <td>
        <asp:RegularExpressionValidator ID="REmail" runat="server"
ControlToValidate="Txtmail" ErrorMessage="enter correct mail"
ValidationExpression="\w+([-+.']\w+)*@\w+
([-]\w+)*\.\w+([-]\w+)*"></asp:RegularExpressionValidator>
    </td>
</tr>
<tr>
    <td colspan="3">
        <asp:Button ID="btnsubmit" runat="server"
Text="submit" OnClick="btnsubmit_Click" />
    </td>
</tr>
</table>
    <asp:ValidationSummary ID="ValidationSummary1"
runat="server" HeaderText="Errors:" DisplayMode="List"
ShowSummary="true"/>
</div></form></body></html>

```

#### Default.aspx.cs:

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
public partial class _Default : System.Web.UI.Page
{
    protected void btnsubmit_Click(object sender, EventArgs e)
    {
        if (Page.IsValid)
        {
            Lblmsg.Text = "thankyou";
        }
        else
        {
            Lblmsg.Text = "fil up all the details";
        }
    }
}

```

Output:

localhost:51747/validatio x

localhost:51747/validationcontrols/Default.aspx

President Elocution Form

Candidate: Please choose a candidate ▼

- ☐ red
- ☐ green
- ☐ blue
- ☐ pink
- ☐ violet

House:

Class:

E-mail:

Enter class,mail id and choose candidate and house

localhost:1698/validation x

localhost:1698/validationcontrols/Default.aspx

thankyou

Candidate: veeru ▼

- ☒ red
- ☐ green
- ☐ blue
- ☐ pink
- ☐ violet

House:

Class: 8

E-mail: chandrakurra@gmail.com

Click on submit to submit the text

7. AIM: Design an ASP.NET application to demonstrate Rich controls.

SOURCE CODE:

Rich Controls Designview:

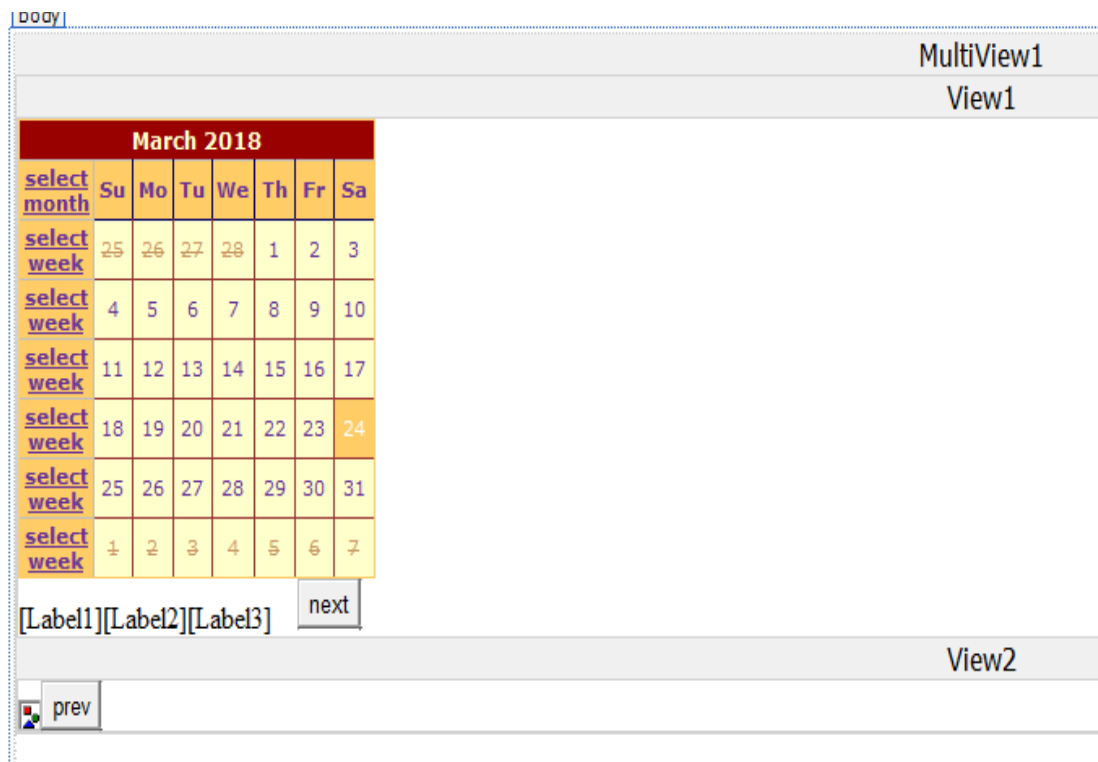


Fig7.1:RichControls

Default.aspx SourceCode:

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

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
<title></title>
</head>
<body style="height: 390px">
<form id="form1" runat="server">
<div style="height: 388px">
<asp:MultiView ID="MultiView1" runat="server">
<asp:View ID="View1" runat="server">

<asp:Calendar ID="Calendar1" runat="server" BackColor="#FFFFCC"
```

[illegible]

```
Default.aspx.cs:
using System;
```

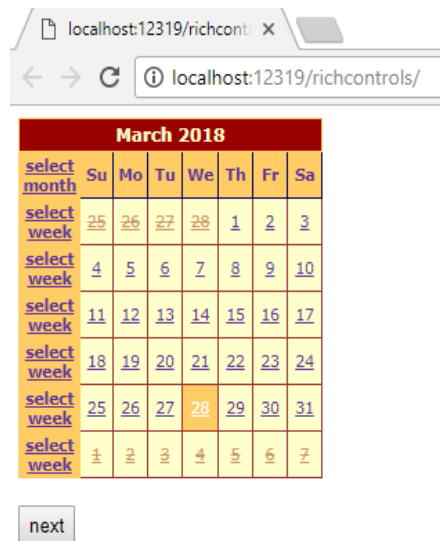
```
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class _Default : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            MultiView1.ActiveViewIndex = 0;
        }
    }
    protected void Calendar1_SelectionChanged(object sender, EventArgs e)
    {
        Label1.Text = "selected date=" + Calendar1.SelectedDate.ToShortDateString()
        + "<br/>"; Label2.Text = "current date=" +
        Calendar1.TodaysDate.ToShortDateString() + "<br/>"; Label3.Text = "you
        selected these dates:" + "<br/>";
        foreach (DateTime dt in Calendar1.SelectedDates)
        {
            Label3.Text+=dt.ToLongDateString()+"<br/>";
        }
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        MultiView1.ActiveViewIndex = 1;
    }
    protected void Button2_Click(object sender, EventArgs e)
    {
        MultiView1.ActiveViewIndex = 0;
    }
}
```

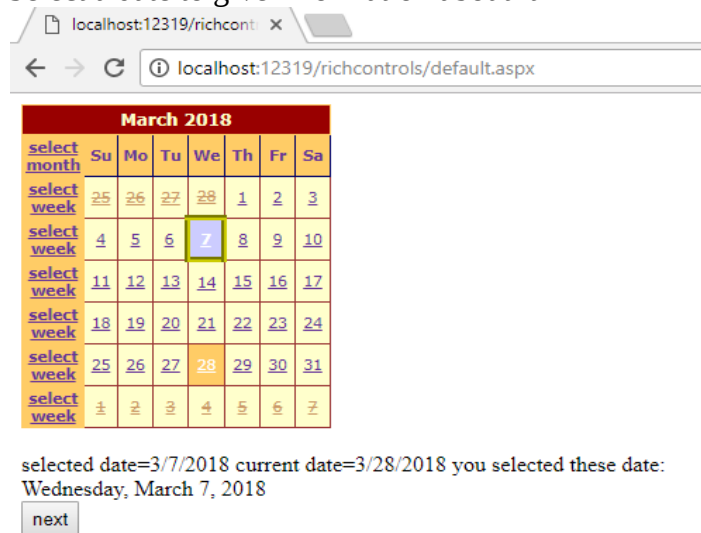
ADS\_xml:

```
<?xml version="1.0" encoding="utf-8" ?>
<Advertisements>
  <Ad>
    <ImageUrl>~/Desert.jpg</ImageUrl>
    <NavigateUrl>http://www.amazon.in</NavigateUrl>
    <AlternateText>AAAA</AlternateText>
    <Keyword>Shopping</Keyword>
  </Ad>
</Advertisements>
```

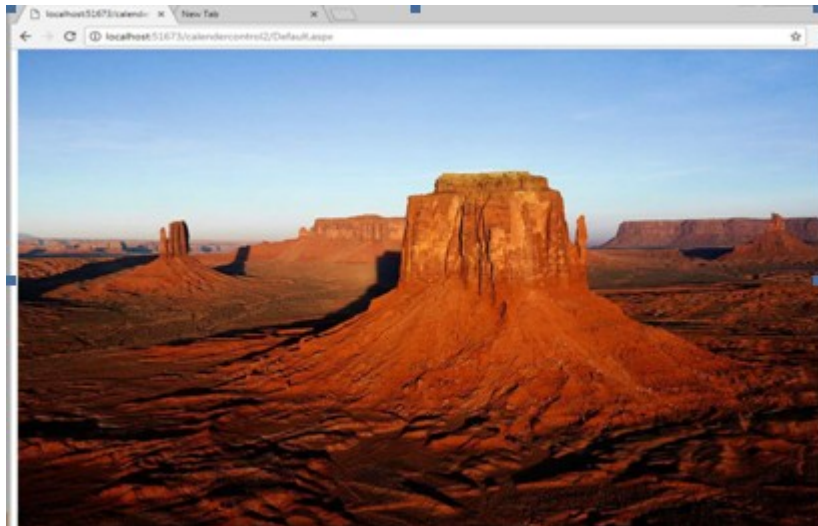
## Outputs:



Select a date to give information about it



Click next to display adtrotator





## 8. AIM: Design an ASP.NET website with master pages

## SOURCE CODE:

Design View:



Fig8.1:Masterpage

## MasterPage.aspx SourceCode:

```

<%@ Master Language="C#" AutoEventWireup="true"
CodeFile="MasterPage.master.cs"
Inherits="MasterPage" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
<title></title>
<asp:ContentPlaceHolder id="head" runat="server">
</asp:ContentPlaceHolder>
</head>
<body>
<form id="form1" runat="server">
<div>
<br />
<table style="width: 100%; border:double;" border="1">
<tr>
<td colspan="3">this is master page</td>
</tr>
<tr>
<td colspan="3"><asp:ContentPlaceHolder
id="ContentPlaceHolder1" runat="server">
</asp:ContentPlaceHolder></td>
</tr>
<tr>
<td>fotter</td>
<td>master page</td>
<td>by bhargavi.kvl</td>
</tr></table></div></form></body></html>

```

Content.aspx

## DesignView:

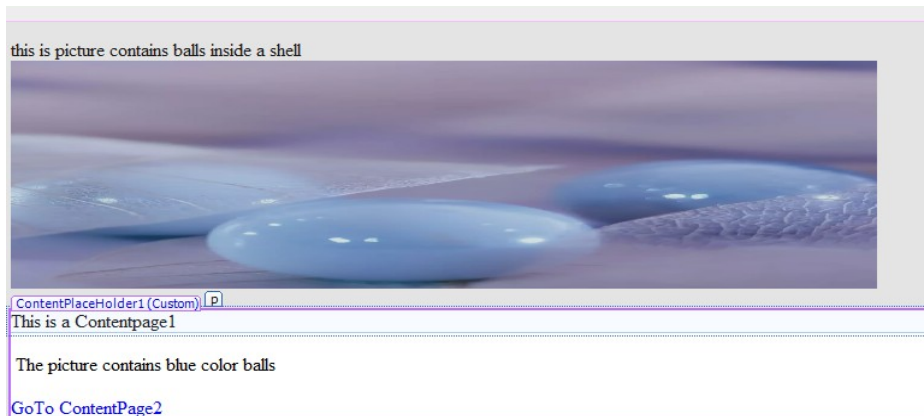


Fig8.1:ContentPage1

## Content.aspx SourceCode:

```
<%@ Page Language="C#" AutoEventWireup="true"
CodeFile="content.aspx.cs" Inherits="content"
MasterPageFile="~/MasterPage.master" %>
<asp:Content ID="c1" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    this is page 1<asp:HyperLink ID="HyperLink1"
    runat="server" NavigateUrl="~/content2.aspx" >go to
    paGe2</asp:HyperLink>
</asp:Content>
```

## Content2.aspx DesignView:



Fig8.2:ContentPage2

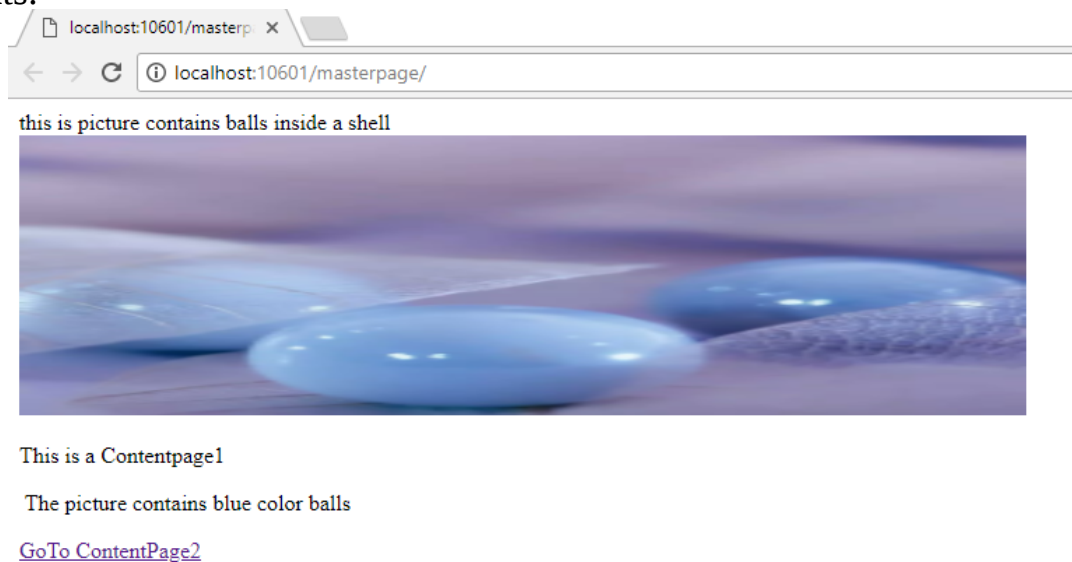
## Content2.aspx

## SourceCode:

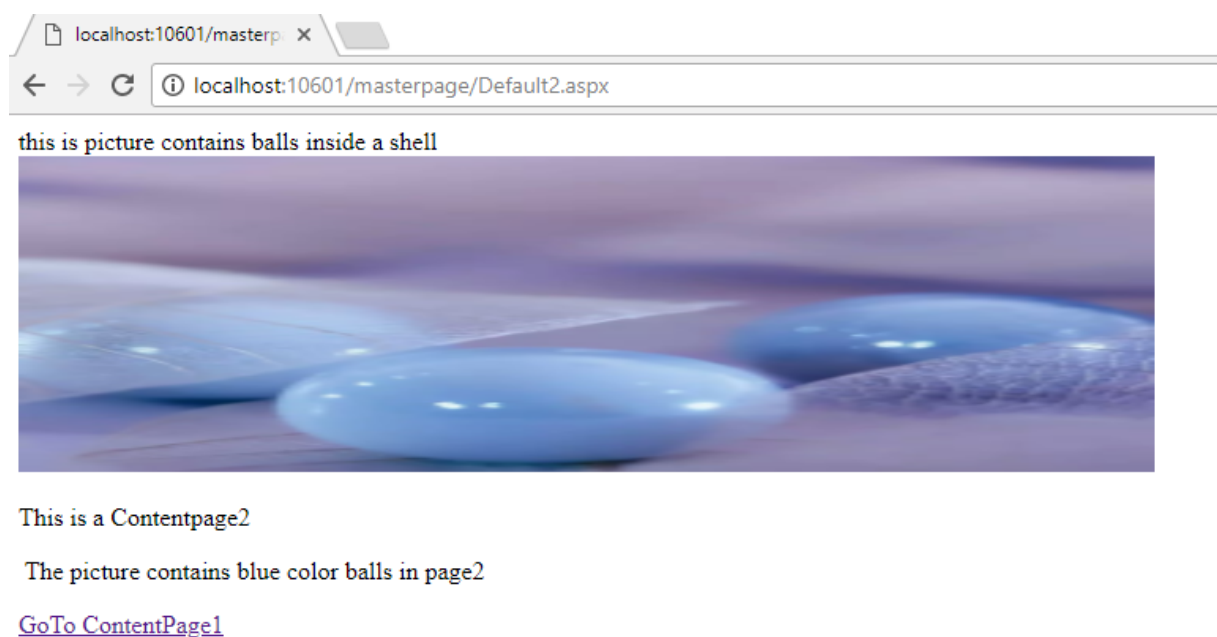
```
<%@ Page Language="C#" AutoEventWireup="true"
CodeFile="content2.aspx.cs" Inherits="content2"
MasterPageFile="~/MasterPage.master" %>
```

```
<asp:Content ID="c2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">  
    this is page 1<br /><asp:HyperLink ID="HyperLink2"  
    runat="server" NavigateUrl="~/content1.aspx">go to  
    page1</asp:HyperLink>  
</asp:Content>
```

### Outputs:



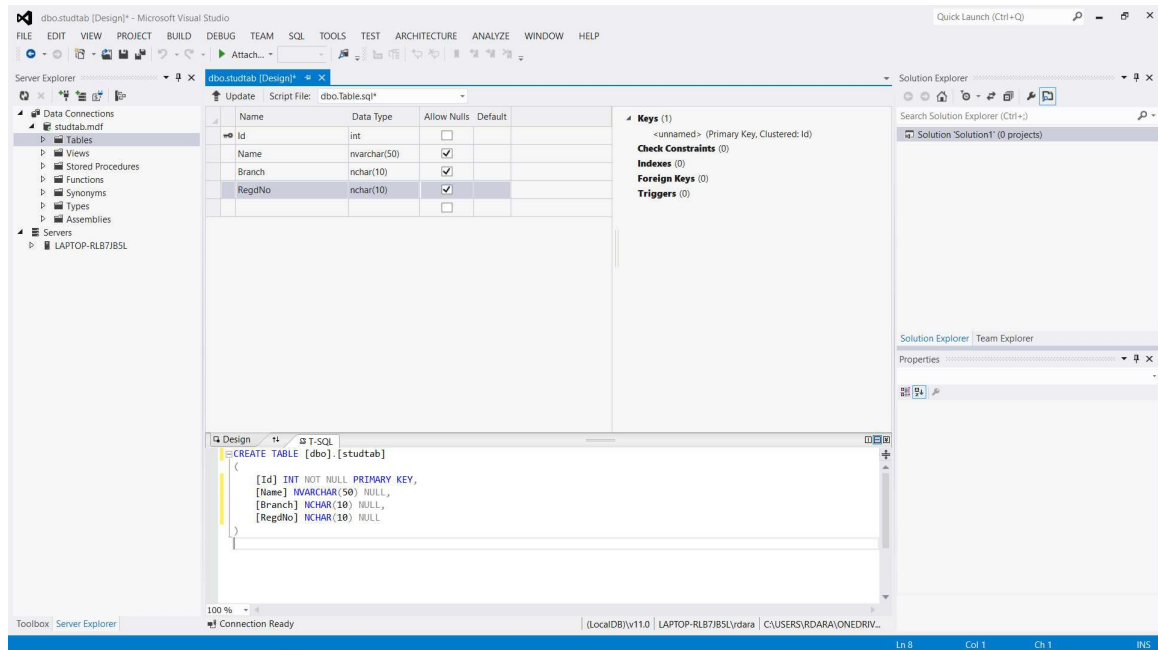
Click on the hyperlink to go to next page



## 9. AIM:Design an ASP.NET application to work with SQL Server Database using ADO.NET and Data controls.

### SOURCE CODE:

### DataBaseFile Creation:



### Ado.Net DesignView:

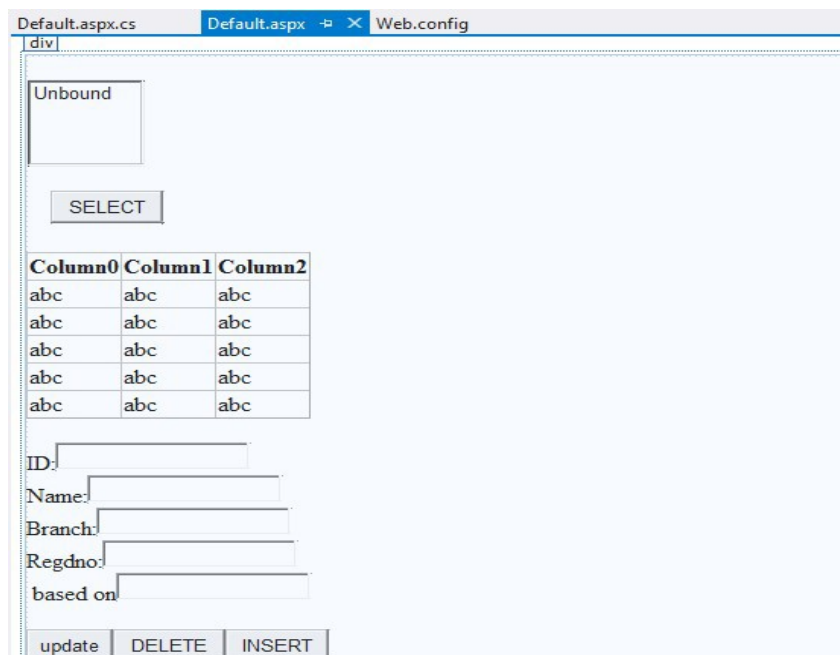


Fig9.1:ADO.NET student details

ADO.NET.aspx SourceCode:

```
<?xml version="1.0"?>
```

```
<!--
```

For more information on how to conFig your ASP.NET application,  
please visit <http://go.microsoft.com/fwlink/?LinkId=169433>

```
-->
```

```
<configuration>
```

```
<system.w  
eb>
```

```
<compilation debug="true" targetFramework="4.5" />
```

```
<httpRuntime targetFramework="4.5" />
```

```
</system.w  
eb>
```

```
<connectionStrings>
```

```
<add name="studs" connectionString="Data  
Source=(LocalDB)\v11.0;AttachDbFilename=C:\Users\Welcome\Documents\studtab.  
mdf;Integrated Security=True;Connect Timeout=30" />
```

```
</connectionStrings>
```

```
</configuration>
```

Ado.net.aspx.cs :

```
using System;
```

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

```
using System.Data;
```

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

```
using System.Linq;
```

```
using System.Web;
```

```
using System.Web.Configuration;
```

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

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

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

```
{
```

```
    string connectionString = null;
```

```
    SqlConnection
```

```
myconnection=null;
```

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

```
{
```

```
}
```

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

```
{
```

```
        connectionString= WebConfigurationManager.ConnectionStrings["studs"].  
        ConnectionString;
```

```

myconnection = new SqlConnection(connectionstring);
try
{
    myconnection.Open();
    SqlCommand mycommand = new SqlCommand();
    mycommand.Connection = myconnection;
    mycommand.CommandText = "SELECT * FROM
studtab"; SqlDataReader myReader;
    myReader = mycommand.ExecuteReader();
    while (myReader.Read())
    {
        ListBox1.Items.Add(myReader["Name"].ToString());
    }
}
catch(Exception err)
{
    Response.Write(err);
}
finally
{
    myconnection.Close();
}

GridView1.DataSource = ListBox1.Items;
GridView1.DataBind();
}

protected void Button2_Click(object sender, EventArgs e)
{
    connectionstring
    =WebConfigurationManager.ConnectionStrings["studs"].ConnectionString;
    myconnection = new
System.Data.SqlClient.SqlConnection(connectionstring);        SqlCommand
    mycommand = new SqlCommand();
    mycommand.CommandType=CommandType.Text;
    try
    {
        myconnection.Open();
        string insertsql = "INSERT INTO studtab(Id,Name,Branch,RegdNo)";
        insertsql += "VALUES(";
        insertsql+=id.Text + " , ' ";
        insertsql+=name.Text      +
        " , ' ";
        insertsql+=branch.Text+" ,
        " ";
        insertsql+=regdno.Text;
        insertsql += " )";
        SqlCommand cmd = new SqlCommand(insertsql, myconnection);
        int added = cmd.ExecuteNonQuery();
        if (added == 1)

```

```
        {
            Response.Write("One record inserted");
        }
        else
        {
            Response.Write("error in inserting records");
        }
    }
    catch (SqlException err)
    {
        Response.Write(err);
    }
    finally
    {
        myconnection.Close();
    }
}

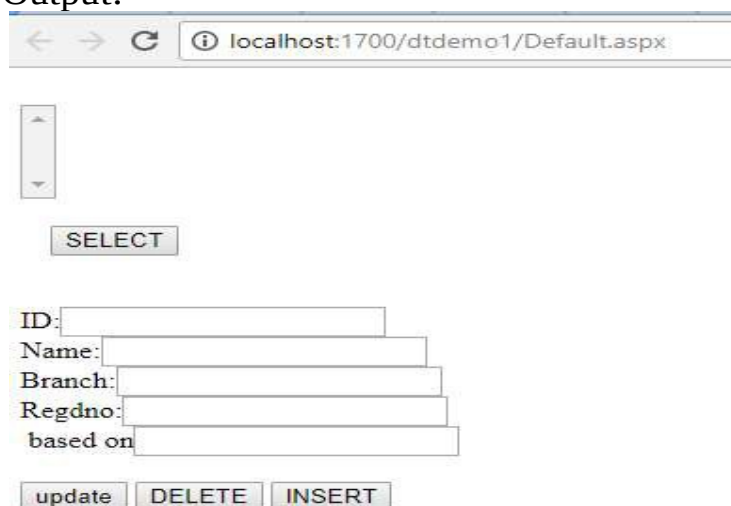
protected void Button3_Click(object sender, EventArgs e)
{
    connectionstring=WebConfigurationManager.ConnectionStrings
    ["studs"].ConnectionString;
    myconnection = new System.Data.SqlClient.SqlConnection(connectionstring);
    string deleteSQL;
    deleteSQL = "DELETE FROM
    studtab "; String temp="WHERE
    Id="+id.Text; deleteSQL +=temp ;
    int deleted = 0;
    try
    {
        myconnection.Open();
        SqlCommand cmd = new SqlCommand(deleteSQL, myconnection);
        deleted = cmd.ExecuteNonQuery();
        Response.Write("record deleted");
    }
    catch (Exception err)
    {
        Response.Write(err);
    }
}

protected void Button4_Click(object sender, EventArgs e)
{
    connectionstring =
    WebConfigurationManager.ConnectionStrings["studs"].ConnectionString;
```

```
        string updateSQL;
        updateSQL = "UPDATE studtab SET ";
        updateSQL += "ID=@id, Name=@name, ";
        updateSQL += "Branch=@branch, RegdNo=@regdno ";
        updateSQL += "WHERE ID=@TextBox6";
        SqlConnection con = new SqlConnection(connectionstring);
        SqlCommand cmd = new SqlCommand(updateSQL, con);
        cmd.Parameters.AddWithValue("@id", id.Text);
        cmd.Parameters.AddWithValue("@name", name.Text);
        cmd.Parameters.AddWithValue("@branch", branch.Text);
        cmd.Parameters.AddWithValue("@regdno", regdno.Text);
        cmd.Parameters.AddWithValue("@TextBox6", TextBox6.Text);
        int updated = 0;
        try
        {
            con.Open();
            updated = cmd.ExecuteNonQuery();
            if (updated == 1)
            {
                Response.Write("One record updated");
            }
            else
            {
                Response.Write("error in updating records");
            }
        }
        catch (Exception err)
        {
            Response.Write("errors"+err);
        }
        finally
        {
            con.Close();
        }
    }
}
```



Output:



localhost:1700/dtdemo1/Default.aspx

SELECT

ID:

Name:

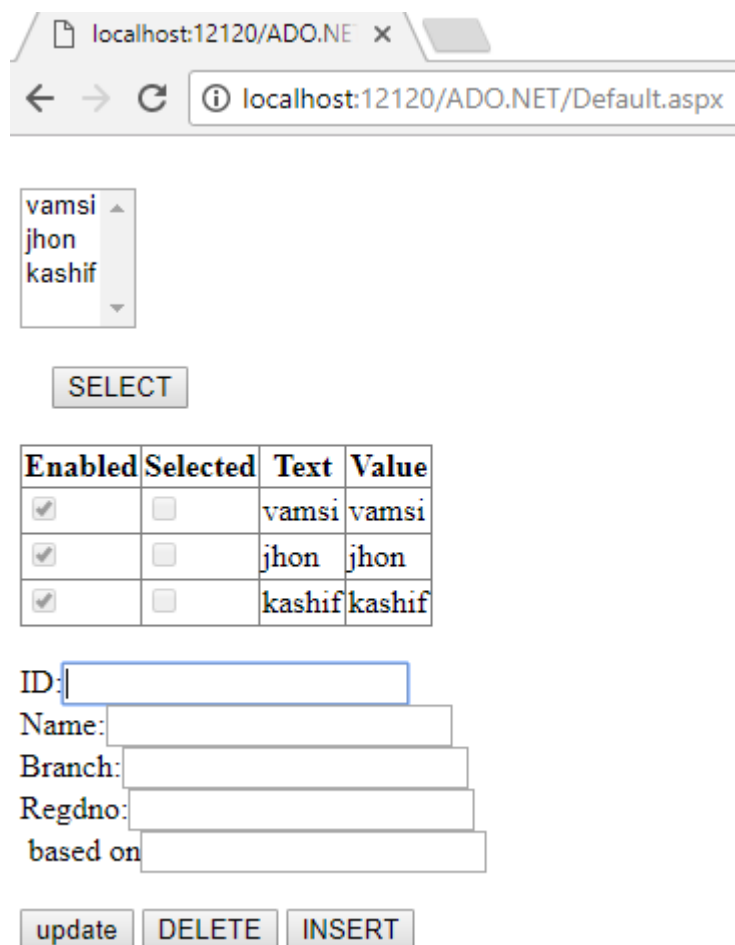
Branch:

Regdno:

based on

update DELETE INSERT

Case1:Select



localhost:12120/ADO.NET/Default.aspx

vamsi  
jhon  
kashif

SELECT

| Enabled                             | Selected                 | Text   | Value  |
|-------------------------------------|--------------------------|--------|--------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | vamsi  | vamsi  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | jhon   | jhon   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | kashif | kashif |

ID:

Name:

Branch:

Regdno:

based on

update DELETE INSERT

Case 2:Insert data and click on insert button

localhost:1859/ADO.NET/ x

localhost:1859/ADO.NET/Default.aspx

One record inserted

vamsi  
jhon  
kashif

SELECT

| Enabled                             | Selected                 | Text   | Value  |
|-------------------------------------|--------------------------|--------|--------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | vamsi  | vamsi  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | jhon   | jhon   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | kashif | kashif |

ID: 3

Name: veeru

Branch: IT

Regdno: 33

based on id

update DELETE INSERT

Check whether data is inserted or not

localhost:1859/ADO.NET/ x

localhost:1859/ADO.NET/Default.aspx

vamsi  
jhon  
kashif  
vamsi

SELECT

| Enabled                             | Selected                 | Text   | Value  |
|-------------------------------------|--------------------------|--------|--------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | vamsi  | vamsi  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | jhon   | jhon   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | kashif | kashif |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | vamsi  | vamsi  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | jhon   | jhon   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | veeru  | veeru  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | kashif | kashif |

ID: 3

Name: veeru

Branch: IT

Regdno: 33

based on id

update DELETE INSERT

Case 3: Deleting a record by specifying a ID and click delete button.

← → ↻ ⓘ localhost:1859/ADO.NET/Default.aspx

recorded is deleted

vamsi  
jhon  
kashif  
vamsi

SELECT

| Enabled                             | Selected                 | Text   | Value  |
|-------------------------------------|--------------------------|--------|--------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | vamsi  | vamsi  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | jhon   | jhon   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | kashif | kashif |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | vamsi  | vamsi  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | jhon   | jhon   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | veeru  | veeru  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | kashif | kashif |

ID: 4

Name: kashif

Branch: IT

Regdno: 44

based on id

update DELETE INSERT

Case 4: Updating values of previous records by specifying the new values and based on the previous id and then click the update button