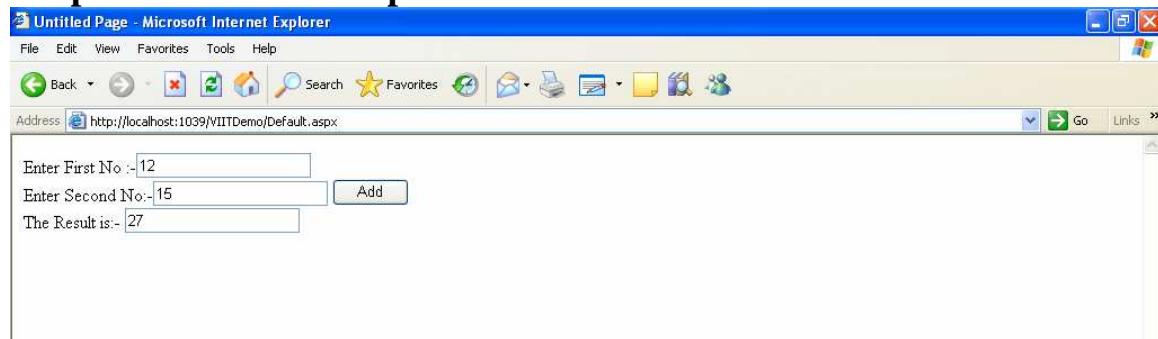


Add Two Numbers

Aim: To add two nos. using ASP.NET

Snapshot of Default.aspx



Steps:-

1. Add Three Textboxes with ID (TextBox1, TextBox2, resulttxt).
2. Add a button with ID Button1.

Now your ASPX code should look like this

```
<body>
    <form id="form1" runat="server">
        <div>
            Enter First No :-<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br />
            Enter Second No:-<asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
            <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Add" Width="68px" /><br />
            The Result is:-
            <asp:TextBox ID="resulttxt" runat="server"></asp:TextBox></div>
        </form>
    </body>
```

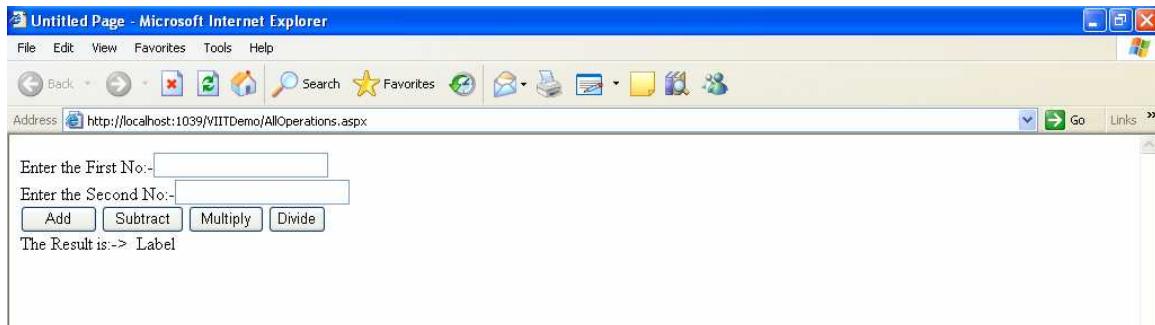
On the ***.aspx.cs page** Do the following code on the button Click

```
protected void Button1_Click(object sender, EventArgs e)
{
    int x = Convert.ToInt32(TextBox1.Text.ToString());
    int y = Convert.ToInt32(TextBox2.Text.ToString());
    int z = x + y;
    resulttxt.Text = Convert.ToString(z);
}
```

All Arithmetic Operations

Aim: To add, multiply, subtract, divide two numbers using ASP.NET

Snapshot of AllOperations.aspx



Steps:-

1. Add Two Textboxes with Id (First, second) on the web page.
2. Add 4 Buttons with ID add, Subtract, Multiply & Divide on the web page.
3. Add the Label with ID result on the Webpage.
4. Now your ASPX code should look like this.

```
<body>
    <form id="form1" runat="server">
        <div>
            Enter the First No:-<asp:TextBox ID="First" runat="server"></asp:TextBox><br />
            Enter the Second No:-<asp:TextBox ID="second" runat="server"></asp:TextBox>
            <br />
            <asp:Button ID="add" runat="server" OnClick="add_Click" Text="Add" Width="68px" />
            <asp:Button ID="Subtract" runat="server" OnClick="Subtract_Click" Text="Subtract" />
            <asp:Button ID="Multiply" runat="server" OnClick="Multiply_Click" Text="Multiply" />
            <asp:Button ID="Divide" runat="server" OnClick="Divide_Click" Text="Divide" /><br />
            The Result is:-&nbsp;
            <asp:Label ID="result" runat="server" Text="Label"></asp:Label></div>
    </form>
</body>
```

5. On the *.aspx.cs page

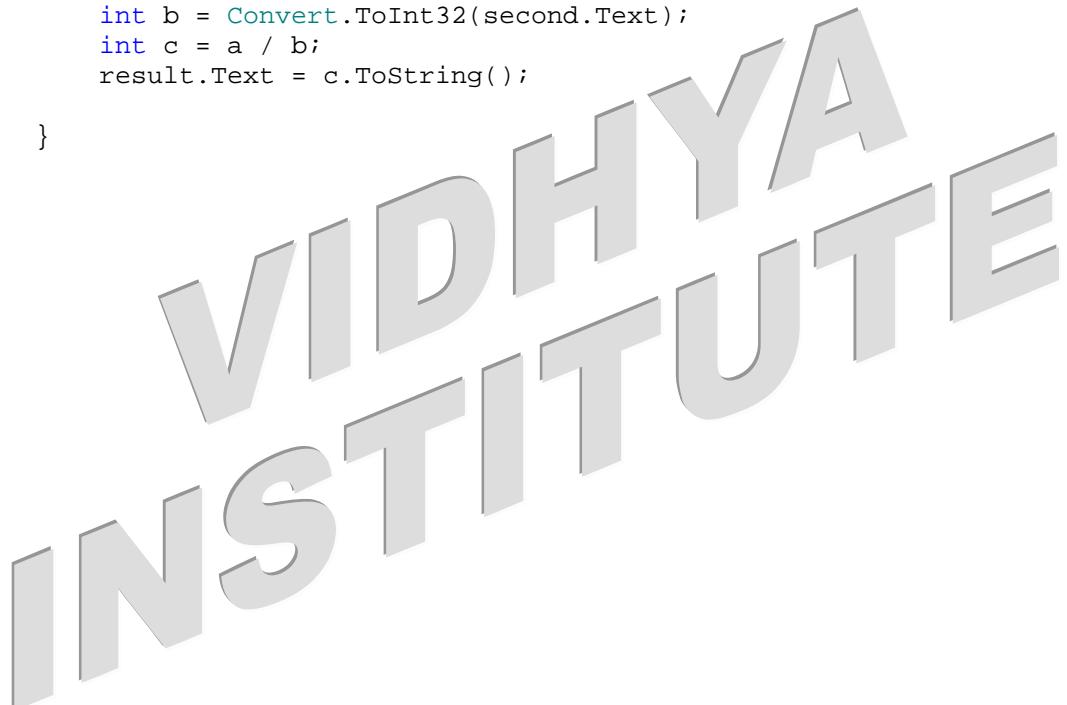
On the Add Button Click :-

```
protected void add_Click(object sender, EventArgs e)
{
    int a = Convert.ToInt32(First.Text);
    int b = Convert.ToInt32(second.Text);
    int c = a + b;
    result.Text = c.ToString();
}
```

On subtract Button Click

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

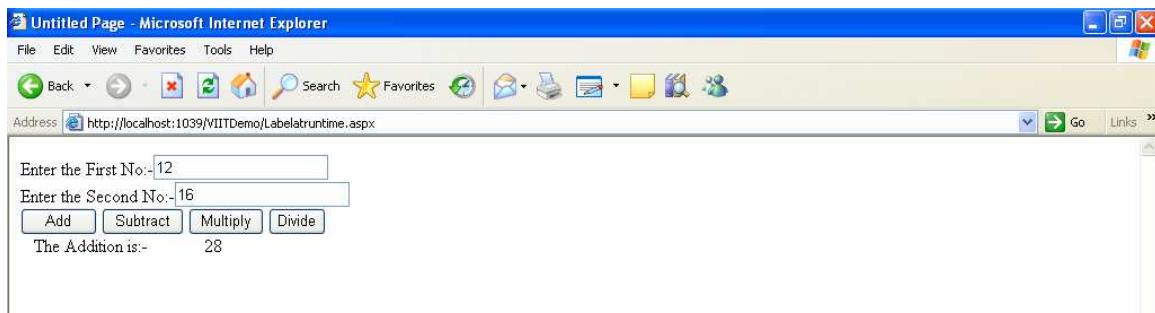
```
{  
    int a = Convert.ToInt32(First.Text);  
    int b = Convert.ToInt32(second.Text);  
    int c = a - b;  
    result.Text = c.ToString();  
}  
On Multiply Button Click:-  
protected void Multiply_Click(object sender, EventArgs e)  
{  
    int a = Convert.ToInt32(First.Text);  
    int b = Convert.ToInt32(second.Text);  
    int c = a * b;  
    result.Text = c.ToString();  
}  
On Divide Button Click :-  
protected void Divide_Click(object sender, EventArgs e)  
{  
    int a = Convert.ToInt32(First.Text);  
    int b = Convert.ToInt32(second.Text);  
    int c = a / b;  
    result.Text = c.ToString();  
}
```



Changing Label at Run Time

Aim: To add, multiply, subtract, divide two Numbers using ASP.NET change the label at run time.

Snapshot of Labelatruntime.aspx



Steps:-

6. Add Two Textboxes with Id (First, second) on the web page.
7. Add 4 Buttons with ID add, Subtract, Multiply & Divide on the web page.
8. Add the 2 Label with ID result & run on the Webpage.
9. Now Your ASPX code should look like this,

```
<body>
    <form id="form1" runat="server">
        <div>
            Enter the First No:-<asp:TextBox ID="First" runat="server"></asp:TextBox><br />
            Enter the Second No:-<asp:TextBox ID="second" runat="server"></asp:TextBox>
            <br />
            <asp:Button ID="add" runat="server" OnClick="add_Click" Text="Add" Width="68px" />
            <asp:Button ID="Subtract" runat="server" OnClick="Subtract_Click" Text="Subtract" />
            <asp:Button ID="Multiply" runat="server" OnClick="Multiply_Click" Text="Multiply" />
            <asp:Button ID="Divide" runat="server" OnClick="Divide_Click" Text="Divide" /><br />
            &nbsp;&nbsp;
            <asp:Label ID="run" runat="server" Text="The Result is :-" Width="147px"></asp:Label>
            <asp:Label ID="result" runat="server" Text="Label" Width="55px"></asp:Label></div>
    </form>
</body>
```

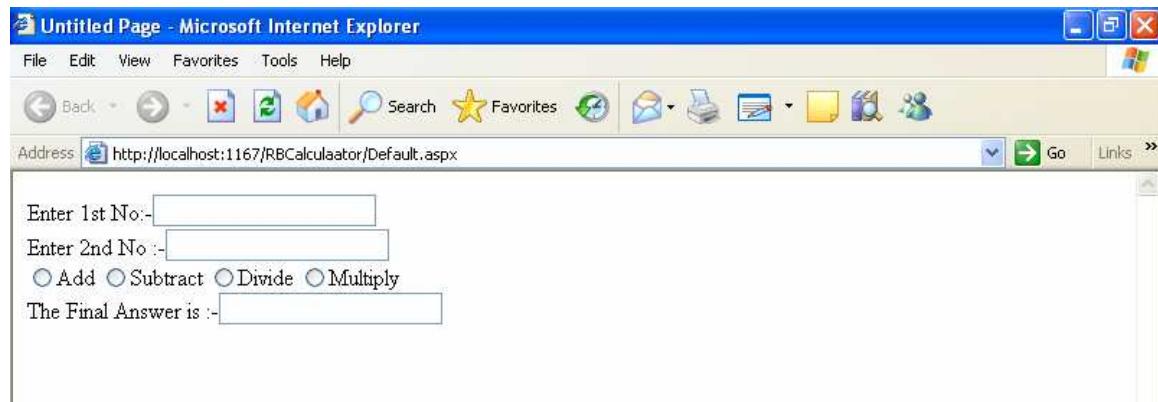
```
10. On the *.aspx.cs Page
On the Add Button Click :-
protected void add_Click(object sender, EventArgs e)
{
    int a = Convert.ToInt32(First.Text);
    int b = Convert.ToInt32(second.Text);
    int c = a + b;
    run.Text = "The Addition is:-";
    result.Text = c.ToString();
```

```
        }  
On Subtract Click:-  
protected void Subtract_Click(object sender, EventArgs e)  
{  
    int a = Convert.ToInt32(First.Text);  
    int b = Convert.ToInt32(second.Text);  
    int c = a - b;  
    run.Text = "The Subtraction is:-";  
    result.Text = c.ToString();  
}  
On Divide Click :-  
protected void Multiply_Click(object sender, EventArgs e)  
{  
    int a = Convert.ToInt32(First.Text);  
    int b = Convert.ToInt32(second.Text);  
    int c = a * b;  
    run.Text = "The Multiplication is:-";  
    result.Text = c.ToString();  
}  
On Multiply Click :-  
protected void Divide_Click(object sender, EventArgs e)  
{  
    int a = Convert.ToInt32(First.Text);  
    int b = Convert.ToInt32(second.Text);  
    int c = a / b;  
    run.Text = "The Divide is:-";  
    result.Text = c.ToString();  
}
```



Radio Button Demo

Aim:-To understand the Radio Button & perform all the arithmetic operations using the Radio Button .



Steps:-

1. Create the three textboxes (with id First, second & result) as shown in the Interface.
2. Create 4 radio Buttons & set the AutoPostBack Options to true & set groupName to a for all buttons for all the Radio Buttons & do the following code in the **Default.aspx.cs** page .

```
using System;
using System.Data;
using System.Configuration;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;

public partial class _Default : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
    }
    protected void RadioButton1_CheckedChanged(object sender,
EventArgs e)
    {
        int a = Convert.ToInt32(First.Text);
        int b = Convert.ToInt32(second.Text);
        int c = a + b;
        result.Text = c.ToString();
    }
    protected void RadioButton2_CheckedChanged(object sender,
EventArgs e)
    {
        int a = Convert.ToInt32(First.Text);
        int b = Convert.ToInt32(second.Text);
        int c = a - b;
        result.Text = c.ToString();
    }
}
```

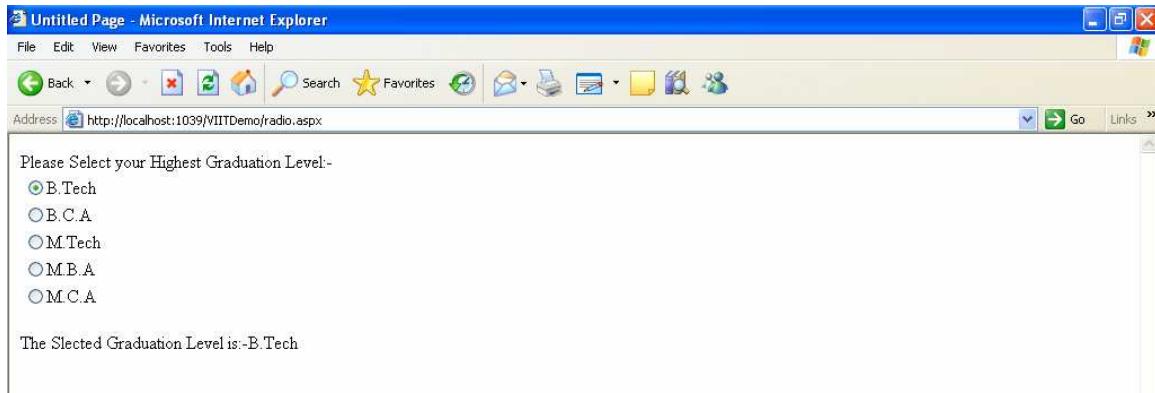
```
protected void RadioButton3_CheckedChanged(object sender,
EventArgs e)
{
    int a = Convert.ToInt32(First.Text);
    int b = Convert.ToInt32(second.Text);
    int c = a / b;
    result.Text = c.ToString();

}
protected void RadioButton4_CheckedChanged(object sender,
EventArgs e)
{
    int a = Convert.ToInt32(First.Text);
    int b = Convert.ToInt32(second.Text);
    int c = a * b;
    result.Text = c.ToString();
}
```



RadioButton List

Aim: - To implement RadioButton List & its properties.



Steps:-

1. Drag & drop the Radiobutton List Control from the Toolbox.
2. After that on Properties in the Items Field click ... **Button** After that add the items.
3. Your ASPX code Should Look Like this

```

<body>
    <form id="form1" runat="server">
        <div>
            Please Select your Highest Graduation Level:-<br />
            <asp:RadioButtonList ID="RadioButtonList1" runat="server"
AutoPostBack="True"
OnSelectedIndexChanged="RadioButtonList1_SelectedIndexChanged">
                <asp:ListItem>B.Tech</asp:ListItem>
                <asp:ListItem>B.C.A</asp:ListItem>
                <asp:ListItem>M.Tech</asp:ListItem>
                <asp:ListItem>M.B.A</asp:ListItem>
                <asp:ListItem>M.C.A</asp:ListItem>
            </asp:RadioButtonList><br />
            The Selected Graduation Level is:-<asp:Label ID="Label1"
runat="server"></asp:Label></div>
        </form>
    </body>
  
```

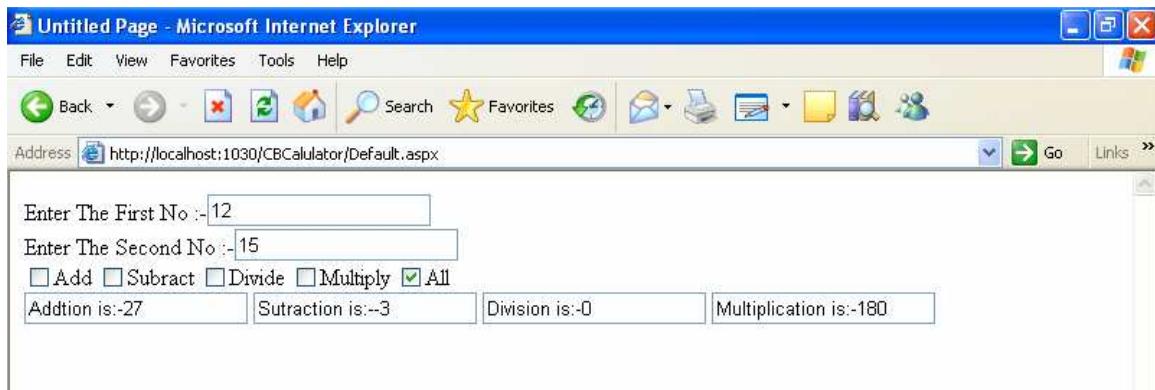
4. On the RadioButtonList Select Index Change do the following code

```

protected void RadioButtonList1_SelectedIndexChanged(object sender,
EventArgs e)
{
    Label1.Text = RadioButtonList1.SelectedItem.ToString();
}
  
```

CheckBox Demo

Aim: - To understand the Check Box control & create the program to perform all the arithmetic operations .



Steps:-

1. Create 6 textboxes (with id First ,second, TextBox1 for showing addition result, TextBox2 for showing subtraction result, TextBox3 for showing division result, TextBox3 for showing multiplication result).
2. Create 5 Checkboxes & set AutoPostBack to true for all the checkboxes & write the following code in the Default.aspx.cs.

```
using System;
using System.Data;
using System.Configuration;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;

public partial class _Default : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        TextBox1.Visible = false;
        TextBox2.Visible = false;
        TextBox3.Visible = false;
        TextBox4.Visible = false;
        TextBox1.Text = "Addtion is:-";
        TextBox2.Text = "Subtraction is:-";
        TextBox3.Text = "Division is:-";
        TextBox4.Text = "Multiplication is:-";
    }
    protected void CheckBox1_CheckedChanged(object sender, EventArgs e)
    {
        TextBox1.Visible = true;
        int a = Convert.ToInt32(First.Text);
        int b = Convert.ToInt32(second.Text);
        int c = a + b;
        TextBox1.Text = TextBox1.Text + c.ToString();
        CheckBox2.Checked = false;
        CheckBox3.Checked = false;
    }
}
```

```

        CheckBox4.Checked = false;
        CheckBox5.Checked = false;
    }
    protected void CheckBox2_CheckedChanged(object sender, EventArgs e)
    {
        TextBox2.Visible = true;
        int a = Convert.ToInt32(First.Text);
        int b = Convert.ToInt32(second.Text);
        int c = a - b;
        TextBox2.Text = TextBox2.Text + c.ToString();
        CheckBox1.Checked = false;
        CheckBox3.Checked = false;
        CheckBox4.Checked = false;
        CheckBox5.Checked = false;

    }
    protected void CheckBox3_CheckedChanged(object sender, EventArgs e)
    {
        TextBox3.Visible = true;
        int a = Convert.ToInt32(First.Text);
        int b = Convert.ToInt32(second.Text);
        int c = a / b;
        TextBox3.Text = TextBox3.Text + c.ToString();
        CheckBox1.Checked = false;
        CheckBox2.Checked = false;
        CheckBox4.Checked = false;
        CheckBox5.Checked = false;

    }
    protected void CheckBox4_CheckedChanged(object sender, EventArgs e)
    {
        TextBox4.Visible = true;
        int a = Convert.ToInt32(First.Text);
        int b = Convert.ToInt32(second.Text);
        int c = a * b;
        TextBox4.Text = TextBox4.Text + c.ToString();
        CheckBox1.Checked = false;
        CheckBox2.Checked = false;
        CheckBox3.Checked = false;
        CheckBox5.Checked = false;

    }
    protected void CheckBox5_CheckedChanged(object sender, EventArgs e)
    {
        TextBox1.Visible = true;
        int a = Convert.ToInt32(First.Text);
        int b = Convert.ToInt32(second.Text);
        int c = a + b;
        TextBox1.Text = TextBox1.Text + c.ToString();
        TextBox2.Visible = true;
        c = a - b;
        TextBox2.Text = TextBox2.Text + c.ToString();
        TextBox3.Visible = true;
        c = a / b;
    }

```

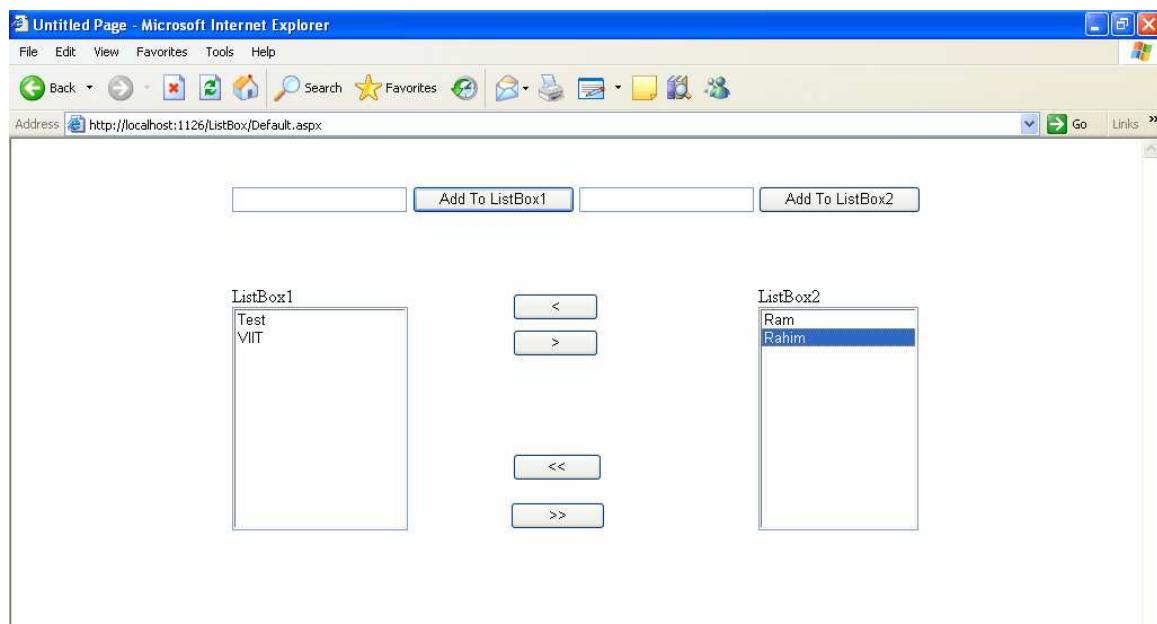
```
    TextBox3.Text = TextBox3.Text + c.ToString();
    TextBox4.Visible = true;
    c = a * b;
    TextBox4.Text = TextBox4.Text + c.ToString();
    CheckBox1.Checked = false;
    CheckBox2.Checked = false;
    CheckBox3.Checked = false;
    CheckBox4.Checked = false;

}
```



ListBox Demo

Aim: - To implement ListBox and adding, transferring data among ListBoxes dynamically.



Steps:-

1. Drag & drop Two List Boxes with ID ListBox1 & ListBox2.
2. Add 6 Buttons With ID Button1,Button2,Button3,Button4,Button5,Button6
3. Add Two TextBoxes with Id TextBox1 & TextBox2.
4. Now the ASPX code Looks the Following :-

```

<body>
    <form id="form1" runat="server">
        <div>
            &nbsp;<table align="center">
                <tr>
                    <td style="width: 100px; height: 35px;">
                        <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br />
                    </td>
                    <td style="width: 100px; height: 35px;">
                        <asp:Button ID="Button1" runat="server" Text="Add To ListBox1" OnClick="Button1_Click" /></td>
                    <td style="width: 100px; height: 35px;">
                        <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox><br />
                    </td>
                    <td style="width: 100px; height: 35px;">
                        <asp:Button ID="Button2" runat="server" Text="Add To ListBox2" OnClick="Button2_Click" /></td>
                </tr>
                <tr>
                    <td style="width: 100px; height: 328px;">
                        ListBox1 <br />
                        <asp:ListBox ID="ListBox1" runat="server" Height="200px" Width="156px"></asp:ListBox><br />
                    </td>
                    <td style="height: 328px; colspan="2">

```

```

<asp:Button ID="Button3" runat="server"
    OnClick="Button3_Click" Style="z-index: 100;
        left: 445px; position: absolute; top: 137px"
    Text="<" Width="76px" />
<asp:Button ID="Button4" runat="server"
    OnClick="Button4_Click" Style="z-index: 101;
        left: 445px; position: absolute; top: 169px"
    Text=">" Width="76px" />
<asp:Button ID="Button5" runat="server" Style="z-
    index: 102; left: 445px; position: absolute;
        top: 279px" Text="<<" Width="79px"
    OnClick="Button5_Click" />
<br />
<asp:Button ID="Button6" runat="server" Style="z-
    index: 104; left: 443px; position: absolute;
        top: 322px" Text=">>" Width="84px"
    OnClick="Button6_Click" />
</td>
<td style="width: 100px; height: 328px;">
    ListBox2 <br />
    <asp:ListBox ID="ListBox2" runat="server"
        Height="200px" Width="142px"></asp:ListBox></td>
</tr>
</table>
</div>
</form>
</body>

```

5. On the *.aspx.cs page do the Following :-

On Button1 Click (add the Elements to ListBox1)

```

protected void Button1_Click(object sender, EventArgs e)
{
    ListBox1.Items.Add(TextBox1.Text);
    TextBox1.Text = " ";
}

```

On Button2 Click (add the Elements to ListBox2)

```

protected void Button2_Click(object sender, EventArgs e)
{
    ListBox2.Items.Add(TextBox2.Text);
    TextBox2.Text = " ";
}

```

On Button3 Click (add Transfer Slected Item of ListBox2 To ListBox1)

```

protected void Button3_Click(object sender, EventArgs e)
{
    string txt = ListBox2.SelectedItem.ToString();
    ListBox2.Items.RemoveAt(ListBox2.SelectedIndex);
    ListBox1.Items.Add(txt);
}

```

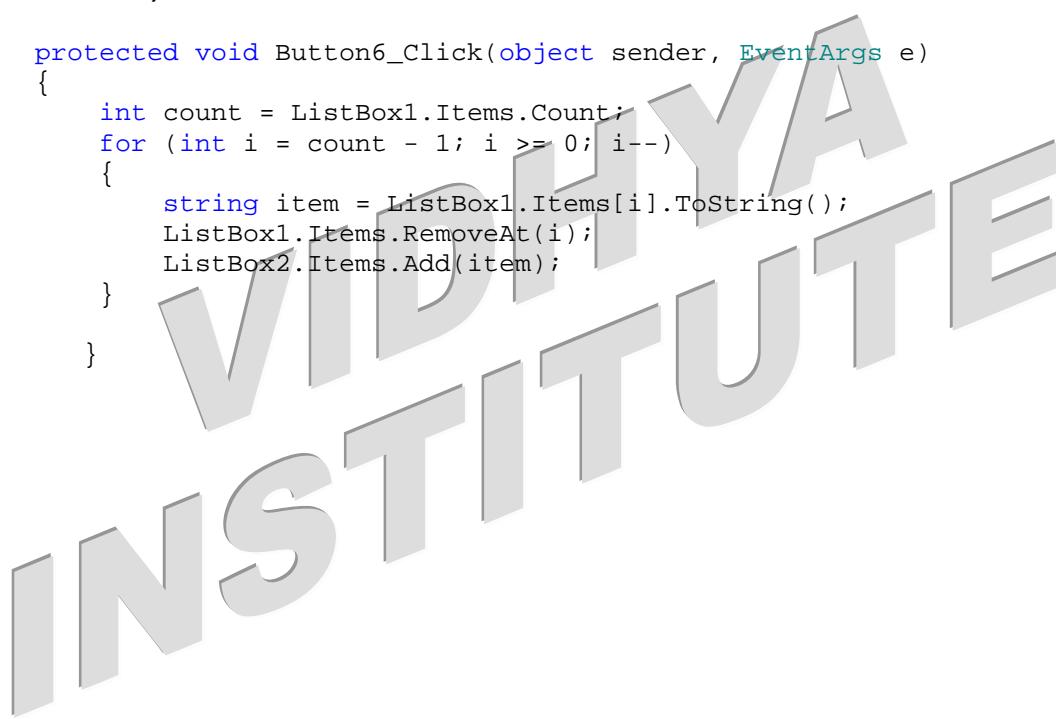
On Button4 Click (add Transfer Slected Item of ListBox1 To ListBox2)

```

protected void Button4_Click(object sender, EventArgs e)
{
    string txt = ListBox1.SelectedItem.ToString();
    ListBox1.Items.RemoveAt(ListBox1.SelectedIndex);
}

```

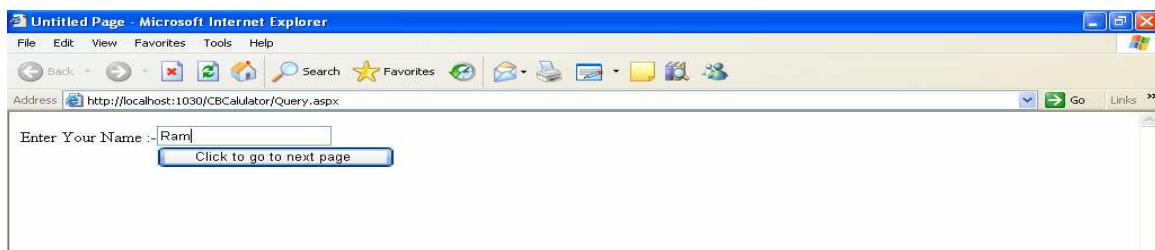
```
    ListBox2.Items.Add(txt);  
}  
On Button5 Click (add Transfer All Item of ListBox2 To ListBox1)  
  
protected void Button5_Click(object sender, EventArgs e)  
{  
  
    int count = ListBox2.Items.Count;  
    for (int i = count - 1; i >= 0; i--)  
    {  
        string item = ListBox2.Items[i].ToString();  
        ListBox2.Items.RemoveAt(i);  
        ListBox1.Items.Add(item);  
    }  
}  
On Button6 Click (add Transfer Slected Item of ListBox1 To  
ListBox2)  
  
protected void Button6_Click(object sender, EventArgs e)  
{  
    int count = ListBox1.Items.Count;  
    for (int i = count - 1; i >= 0; i--)  
    {  
        string item = ListBox1.Items[i].ToString();  
        ListBox1.Items.RemoveAt(i);  
        ListBox2.Items.Add(item);  
    }  
}
```



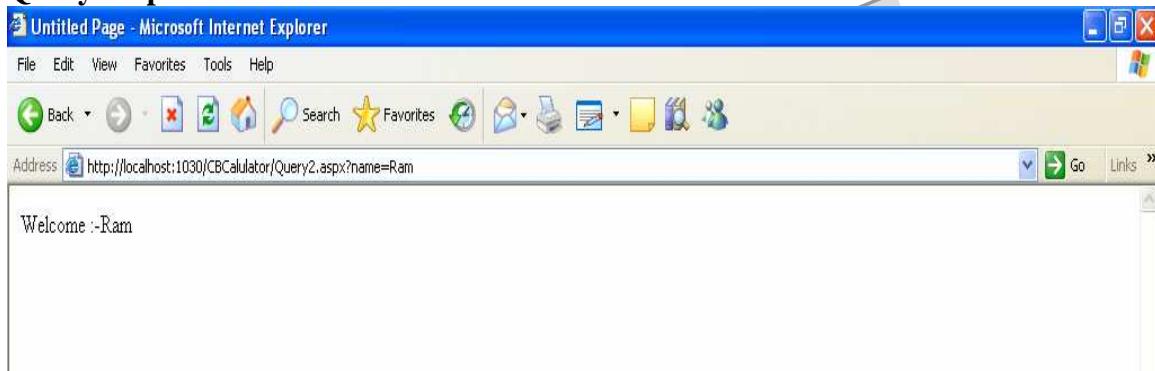
Query String Basic

Aim: - To pass data from one page to the other using Query String.

Query.aspx



Query2.aspx



Steps:-

1. Add a new page named Query.aspx & create the new interface with TextBox & button

2. The ASPX coding the Query.aspx is as shown:-

```
<body>
    <form id="form1" runat="server">
        <div>
            Enter Your Name :-<asp:TextBox ID="TextBox1" 
runat="server"></asp:TextBox><br />
            &nbsp; &nbsp;
&nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp;
            <asp:Button ID="Button1" runat="server"
OnClick="Button1_Click" Text="Click to go to next page " /></div>
        </form>
    </body>
```

3. The Coding of the query.aspx.cs On Button1 Click is as follows :-

```
protected void Button1_Click(object sender, EventArgs e)
{
    Response.Redirect("Query2.aspx?name=" + TextBox1.Text);
}
```

4. The ASPX Coding for Qery2.aspx :-

```
<body>
    <form id="form1" runat="server">
        <div>
            Welcome :-<asp:Label ID="Label1" runat="server"
Text="Label"></asp:Label></div>
```

```
</form>
</body>
```

5. The Query2.aspx.cs On page Load do the following:-

```
protected void Page_Load(object sender, EventArgs e)
{
    string name = Request.QueryString["name"];
    Label1.Text = name;
}
```



ListBox & Query String Practical

Aim: - To implement the Student counseling system using ListBox & Query String .

Default.aspx

Untitled Page - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Home Stop Refresh Search Favorites Links
Address: http://localhost:1113/ListBoxCollege/Default.aspx
Enter the College Name :- GITS
Enter Total Seats :- 10
Next

Next.aspx

Untitled Page - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Home Stop Refresh Search Favorites Links
Address: http://localhost:1113/ListBoxCollege/Next.aspx?name=GITS&seats=10
Enter The Student Name :-
Enter Student %age :-
Add
Selected On waiting Rejected
Ram Test Aki
Check the Status

Status.aspx:-

Untitled Page - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Home Stop Refresh Search Favorites Links
Address: http://localhost:1113/ListBoxCollege/Status.aspx?full=1&waiting=0&rejected=0&name=GITS&seats=2
College Name :-GITS
Total Seats :2
Full Seats :1
Waiting Seats:-0
Rejected Seats:-0

Steps:-

1. Create 3 web pages in the Default.aspx, Next.aspx, Status.aspx in your web site.
2. Default.aspx (ASPX code) :-

```

<body>
    <form id="form1" runat="server">
        <div>
            Enter the College Name :-<asp:TextBox ID="College"
runat="server"></asp:TextBox><br />
            Enter Total Seats :-<asp:TextBox ID="seats"
runat="server"></asp:TextBox><br />
            <asp:Button ID="Button1" runat="server"
OnClick="Button1_Click" Text="Next" Width="126px" /><br />
            <br />
        </div>
    </form>
</body>

```

Default.aspx.cs Code :-

```

protected void Button1_Click(object sender, EventArgs e)
{
    Response.Redirect("Next.aspx?name=" + College.Text +
"&seats=" + seats.Text);
}

```

3. Now on the Next.aspx Create the Interface as Shown , The ASPX code for which is given as follows

```

<body>
    <form id="form1" runat="server">
        <div>
            Enter The Student Name :-<asp:TextBox ID="TextBox1"
runat="server"></asp:TextBox><br />
            Enter Student %age :-<asp:TextBox ID="marks"
runat="server"></asp:TextBox><br />
            <asp:Button ID="Button1" runat="server"
OnClick="Button1_Click" Text="Add" /><br />
            <br />
            <table>
                <tr>
                    <td style="width: 212px">
                        Selected</td>
                    <td style="width: 212px">
                        On waiting</td>
                    <td style="width: 217px">
                        Rejected</td>
                </tr>
                <tr>
                    <td style="width: 212px">
                        <asp:ListBox ID="ListBox1" runat="server"
Width="170px"></asp:ListBox></td>
                    <td style="width: 212px">
                        <asp:ListBox ID="ListBox2" runat="server"
Width="160px"></asp:ListBox></td>
                    <td style="width: 217px">
                        <asp:ListBox ID="ListBox3" runat="server"
Width="177px"></asp:ListBox></td>
                </tr>
            </table>
            <br />
            <asp:Button ID="Button2" runat="server"
OnClick="Button2_Click" Text="Check the Status" /></div>
        </form>
    </body>

```

4. In the Next.aspx.cs page do the following code :-

```

public partial class Next : System.Web.UI.Page
{
    string seats, clg;
    // On Page Load Request the Query String
    protected void Page_Load(object sender, EventArgs e)
    {
        clg = Request.QueryString["name"];
        seats = Request.QueryString["seats"];
    }
    // On Button add Click add the Studen to the Lisbox depending upon
    // the %age
    protected void Button1_Click(object sender, EventArgs e)
    {
        if (ListBox1.Items.Count < Convert.ToInt32(seats))
        {
            if (Convert.ToInt32(marks.Text) >= 80)
            {
                ListBox1.Items.Add(TextBox1.Text);
            }
        }
        else
        {
            if (Convert.ToInt32(marks.Text) >= 80)
            {
                ListBox2.Items.Insert(0, TextBox1.Text);
            }
        }
        if (ListBox1.Items.Count >= Convert.ToInt32(seats) ||
        ListBox2.Items.Count <= 2 * Convert.ToInt32(seats))
        {
            if (Convert.ToInt32(marks.Text) >= 60 &&
            Convert.ToInt32(marks.Text) <= 80)
            {
                ListBox2.Items.Add(TextBox1.Text);
            }
            else if(Convert.ToInt32(marks.Text)<=60)
            {
                ListBox3.Items.Add(TextBox1.Text);
            }
        }
        else if (ListBox1.Items.Count >= Convert.ToInt32(seats) &&
        ListBox2.Items.Count >= 2 * Convert.ToInt32(seats))
        {
            if (Convert.ToInt32(marks.Text) <= 60 )
            {
                ListBox3.Items.Add(TextBox1.Text);
            }
        }
        TextBox1.Text = "";
        marks.Text = "";
        TextBox1.Focus();
    }
}

```

```

//On check Status Go to the next Page(status.aspx) & Show the
complete data.
protected void Button2_Click(object sender, EventArgs e)
{
    int full=ListBox1.Items.Count;
    int waiting=ListBox2.Items.Count;
    int rejected=ListBox3.Items.Count;

    Response.Redirect("Status.aspx?full=" + full.ToString() +
    "&waiting=" + waiting.ToString() + "&rejected=" +
    rejected.ToString() + "&name=" + clg + "&seats=" + seats);
}
}

```

5. In the Status.aspx page create the Interface as shown, the ASPX code is given as follows :-

```

<body>
    <form id="form1" runat="server">
        <div>
            College Name :-<asp:Label ID="Label1" runat="server"
Text="Label"></asp:Label><br />
            Total Seats :-<asp:Label ID="Label2" runat="server"
Text="Label"></asp:Label><br />
            Full Seats :-<asp:Label ID="Label3" runat="server"
Text="Label"></asp:Label><br />
            Waiting Seats:-<asp:Label ID="Label4" runat="server"
Text="Label"></asp:Label><br />
            Rejected Seats:-<asp:Label ID="Label5" runat="server"
Text="Label"></asp:Label></div>
    </form>
</body>

```

6. In Status.aspx.cs page do the following on Page Load :-

```

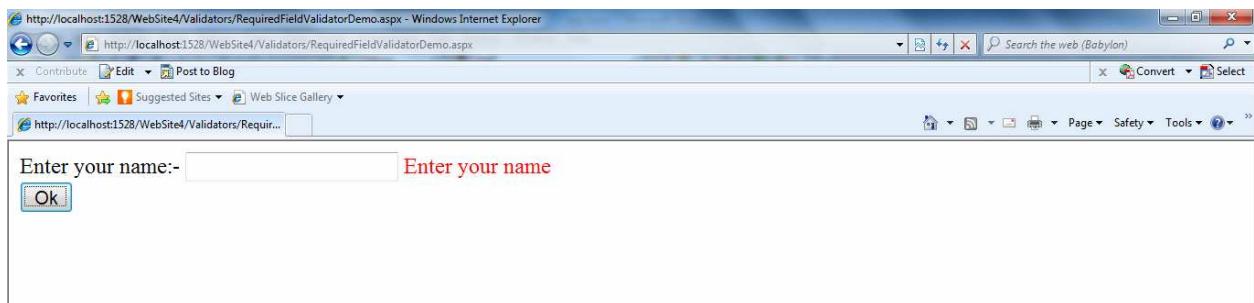
protected void Page_Load(object sender, EventArgs e)
{
    string full = Request.QueryString["full"];
    string waiting = Request.QueryString["waiting"];
    string rejected = Request.QueryString["rejected"];
    string clg = Request.QueryString["name"];
    string seats = Request.QueryString["seats"];
    Label1.Text = clg;
    Label2.Text = seats;
    Label3.Text = full;
    Label4.Text = waiting;
    Label5.Text = rejected;
}

```

Validator

Required Field Validator

Aim: - To implement required field validator.



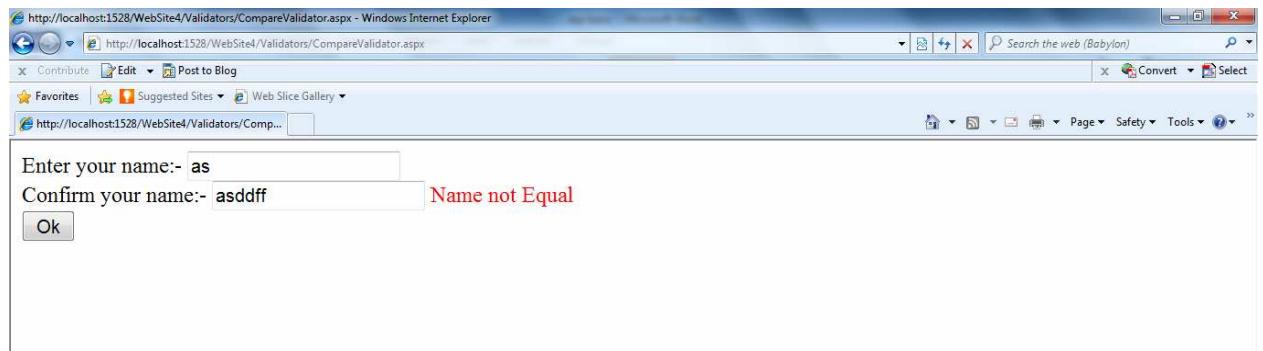
Steps:-

1. Add a textbox and a button in your .aspx page.
2. Now drag & drop a required field validator from Validation Control Toolkit on your webpage.
3. Go to properties panel of RequiredField Validator and set the error message to display your desired message.
4. Set control to validate to the textbox id.

```
<form id="form1" runat="server">
  <div>
    Enter your name:-<br/>
    <asp:TextBox ID="txtName" runat="server"
ValidationGroup="Validate"></asp:TextBox>
    <asp:RequiredFieldValidator ID="RequiredFieldValidator1" Text="Enter
your name"
      runat="server" ControlToValidate="txtName"
ValidationGroup="Validate"
      ErrorMessage="RequiredFieldValidator" Display="Dynamic">Enter your
name</asp:RequiredFieldValidator>
  </div>
  <asp:Button ID="btnOk" runat="server" ValidationGroup="Validate"
Text="Ok" />
</form>
```

CompareValidator

Aim: - To implement Compare validator.



Compare validator is used to validate to textbox text are same or not

Steps:-

1. Add two textboxes and a button in your .aspx page.
2. Now drag & drop a compare validator from Validation Control Toolkit on your webpage.
3. Go to properties panel of Compare validator and set the error message to display your desired message.
4. Set controltovalidate and controltocompare to the textbox id's respectively.

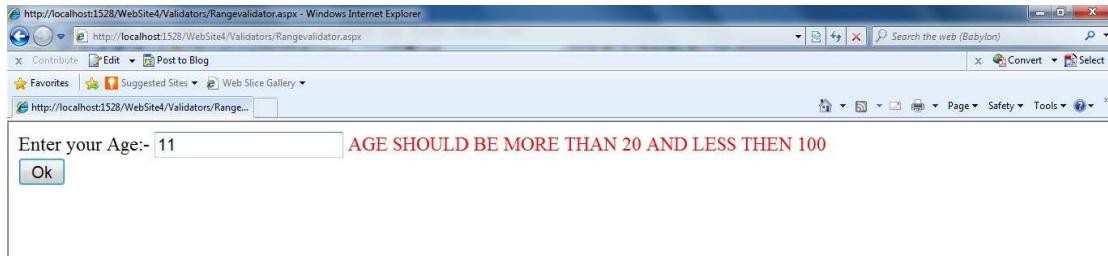
CompareValidator.aspx

```
<div>
    Enter your name:-<br />
    <asp:TextBox ID="txtName" runat="server"
ValidationGroup="Validate"></asp:TextBox>
    <br />
    Confirm your name:-<br />
    <asp:TextBox ID="txtCnfName" runat="server"
ValidationGroup="Validate"></asp:TextBox>

    <asp:CompareValidator ID="RequiredFieldValidator1" Text="Enter your
name" ControlToCompare="txtCnfName"
        runat="server" ControlToValidate="txtName"
ValidationGroup="Validate"
        ErrorMessage="RequiredFieldValidator" Display="Dynamic">Name not
Equal</asp:CompareValidator><br />
    <asp:Button ID="btnOk" runat="server" ValidationGroup="Validate"
Text="Ok" />
</div>
```

Range Validator

Aim: - To implement Range validator.



Steps:-

1. Add a textbox and a button in your .aspx page.
2. Now drag & drop a Range Validator from Validation Control Toolkit on your webpage.
3. Go to properties panel of Range Validator and set the error message to display your desired message.
4. Set control to validate to the textbox id.
5. Set the properties maximum and minimum value for the textbox.

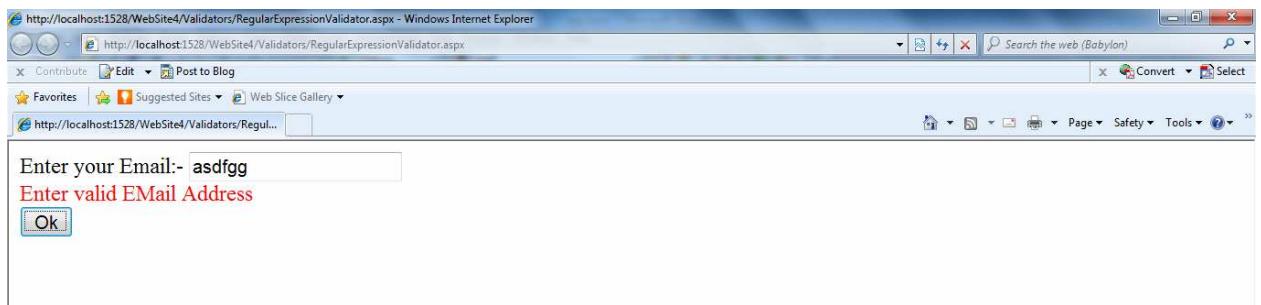
RangeValidator.aspx

```

<div>
    Enter your Age:-
    <asp:TextBox ID="txtAge" runat="server"
        ValidationGroup="Validate"></asp:TextBox>
    <asp:RangeValidator ID="RangeValidator1" Display="Dynamic"
        Type="Integer"
        ControlToValidate="txtAge" ValidationGroup="Validate" runat="server"
        Text="AGE SHOULD BE MORE THAN 20 AND LESS THEN 100"
        MaximumValue="100" MinimumValue="20"
        SetFocusOnError="True"></asp:RangeValidator>
    <br />
    <asp:Button ID="btnOk" runat="server" ValidationGroup="Validate"
        Text="Ok" />
</div>
```

RegularExpression Validator

Aim: - To implement Regular Expression validator.



Steps:-

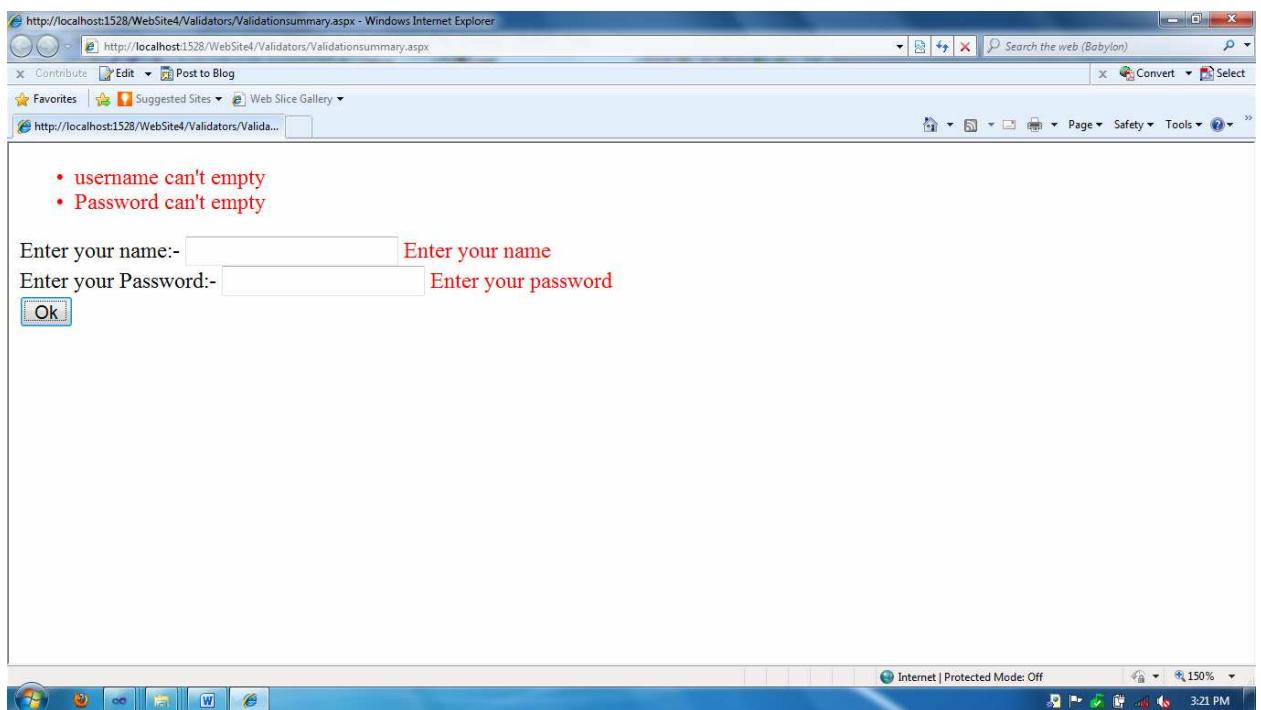
1. Add a textbox and a button in your .aspx page.
2. Now drag & drop a Range Validator from Validation Control Toolkit on your webpage.
3. Go to properties panel of Range Validator and set the error message to display your desired message.
4. Set control to validate to the textbox id.
5. Set the properties validation expression for the textbox.

RegularExpression.aspx

```
<div>
    Enter your Email:-
    <asp:TextBox ID="txtEmail" runat="server"
ValidationGroup="Validate"></asp:TextBox><br />
    <asp:RegularExpressionValidator ID="RegularExpressionValidator1"
runat="server" ControlToValidate="txtEmail"
Text="Enter valid EMail Address" ValidationGroup="Validate"
ValidationExpression="\w+([-.\w+]*)@\w+([-.\w+]*)\.\w+([-.
.\w+]*)">Enter valid EMail Address</asp:RegularExpressionValidator>
    <br />
    <asp:Button ID="btnOk" runat="server" ValidationGroup="Validate"
Text="Ok" />
</div>
```

Validation Summary control

Aim: - To implement validation summary control.



Steps:-

1. Add two textbox and a button in your .aspx page.
2. Now drag & drop 2 required field validator from Validation Control Toolkit on your webpage.
3. Go to properties panel of both Required field Validator and set the error message to display your desired message.
4. Set control to validate to the textboxes id of the both validators.
5. Set the validate group of the Both required field validator to Validate
6. Now drag & drop Validation Summary Control from the Validation control toolkit on your web page.
7. Go to the Validation Summary Properties & set ValidationGroup="Validate"
8. Set the ValidationGroup of Button to Validate.

Code for ValidationSummary.aspx

```
<div>

    <asp:ValidationSummary ID="ValidationSummary1"
        ValidationGroup="Validate" runat="server" />

<div>
    Enter your name:-
        <asp:TextBox ID="txtName" runat="server"
            ValidationGroup="Validate"></asp:TextBox>
        <asp:RequiredFieldValidator ID="RequiredFieldValidator1" Text="Enter
            your name" runat="server" ControlToValidate="txtName"
            ValidationGroup="Validate"
            ErrorMessage="username can't empty" Display="Dynamic">Enter your
            name</asp:RequiredFieldValidator>
        <br />
```

Enter your Password:-

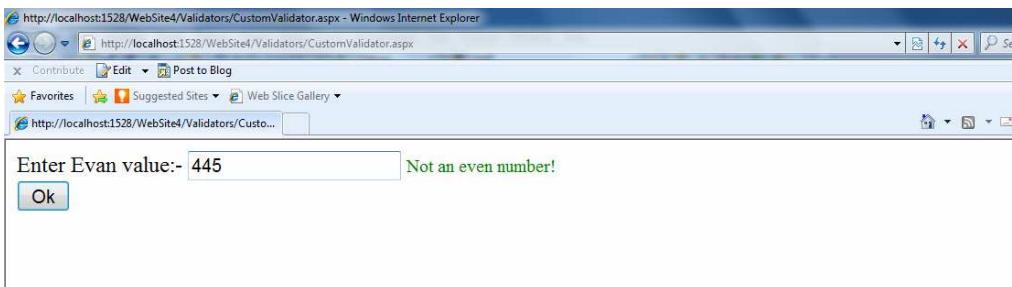
```
<asp:TextBox ID="txtpassword" runat="server"
ValidationGroup="Validate" TextMode="Password"></asp:TextBox>
<asp:RequiredFieldValidator ID="RequiredFieldValidator2" Text="Enter
your password"
runat="server" ControlToValidate="txtpassword"
ValidationGroup="Validate"
ErrorMessage="Password can't empty" Display="Dynamic">Enter your
password</asp:RequiredFieldValidator>
</div>

<asp:Button ID="btnOk" runat="server" ValidationGroup="Validate"
Text="Ok" />
</div>
```



Custom Validator

Aim: - To implement Custom Validator control to check whether number entered in textbox is even or not.



Steps:-

1. Drag and drop Textbox and button on your page.
2. Drag and drop Custom validator from Validation Control Toolkit on your web page.
3. Now, set Controlto Validate property to the textbox id.
4. Now, create a Javascript function inside <HEAD> tag of your .aspx page to check whether number is even or not.
5. Now the set the property **ClientValidationFunction** of the Coustom field validator to the function name created by you under <Head tag>

Aspx Code –

```
<head runat="server">
<title></title>
<script type="text/javascript">
function ClientValidate(source, clientside_arguments) {
if (clientside_arguments.Value % 2 == 0) {
clientside_arguments.IsValid = true;
}
else { clientside_arguments.IsValid = false };
}
</script>
</head>
<body>
<form id="form1" runat="server">
<div>
```

Enter Even value:-

```
<asp:TextBox ID="txtvalue" runat="server"
ValidationGroup="Validate"></asp:TextBox>

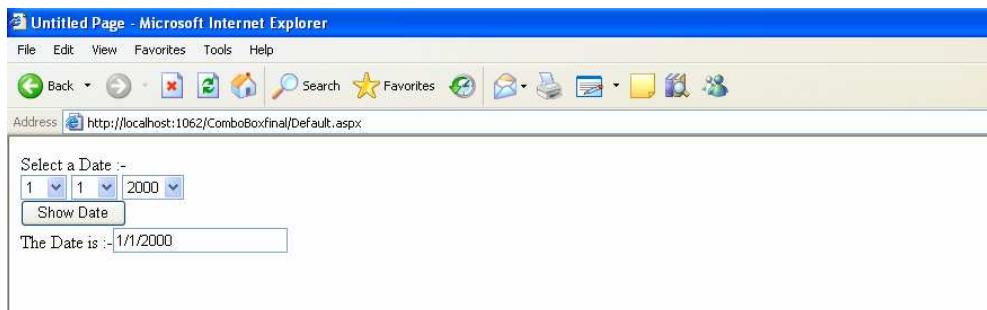
<asp:CustomValidator id="CustomValidator2"
ControlToValidate="txtvalue"
ClientValidationFunction="ClientValidate"
Display="Static" ValidationGroup="Validate"
ErrorMessage="Not an even number!"
ForeColor="green" SetFocusOnError="True"
Font-Size="10pt"
runat="server"/>
<br />
```

```
<asp:Button ID="btnOk" runat="server" ValidationGroup="Validate"
Text="Ok" />
</div>

</form>
```



Drop Down List

**Steps:-**

1. Create the Web Page named Default.aspx & with three DropDownList & add items to it as the day in one, Month in one, year in one.
2. Add Button & TextBox to create the interface as shown.

The ASPX code is as shown:-

```
<body>
<form id="form1" runat="server">
<div>
    Select a Date :-<br />
    <asp:DropDownList ID="DropDownList1" runat="server">
        <asp:ListItem>1</asp:ListItem>
        <asp:ListItem>2</asp:ListItem>
        <asp:ListItem>3</asp:ListItem>
        <asp:ListItem>4</asp:ListItem>
        <asp:ListItem>5</asp:ListItem>
        <asp:ListItem>6</asp:ListItem>
        <asp:ListItem>7</asp:ListItem>
        <asp:ListItem>8</asp:ListItem>
        <asp:ListItem>9</asp:ListItem>
        <asp:ListItem>10</asp:ListItem>
        <asp:ListItem>11</asp:ListItem>
        <asp:ListItem>12</asp:ListItem>
        <asp:ListItem>13</asp:ListItem>
        <asp:ListItem>14</asp:ListItem>
        <asp:ListItem>15</asp:ListItem>
        <asp:ListItem>16</asp:ListItem>
        <asp:ListItem>17</asp:ListItem>
        <asp:ListItem>18</asp:ListItem>
        <asp:ListItem>19</asp:ListItem>
        <asp:ListItem>20</asp:ListItem>
        <asp:ListItem>21</asp:ListItem>
        <asp:ListItem>22</asp:ListItem>
        <asp:ListItem>23</asp:ListItem>
        <asp:ListItem>24</asp:ListItem>
        <asp:ListItem>25</asp:ListItem>
        <asp:ListItem>26</asp:ListItem>
        <asp:ListItem>27</asp:ListItem>
        <asp:ListItem>28</asp:ListItem>
        <asp:ListItem>29</asp:ListItem>
        <asp:ListItem>30</asp:ListItem>
        <asp:ListItem>31</asp:ListItem>
        <asp:ListItem></asp:ListItem>
    </asp:DropDownList>
    <asp:DropDownList ID="DropDownList2" runat="server">
        <asp:ListItem>1</asp:ListItem>
        <asp:ListItem>2</asp:ListItem>
        <asp:ListItem>3</asp:ListItem>
```

```

<asp:ListItem>4</asp:ListItem>
<asp:ListItem>5</asp:ListItem>
<asp:ListItem>6</asp:ListItem>
<asp:ListItem>7</asp:ListItem>
<asp:ListItem>8</asp:ListItem>
<asp:ListItem>9</asp:ListItem>
<asp:ListItem>10</asp:ListItem>
<asp:ListItem>11</asp:ListItem>
<asp:ListItem>12</asp:ListItem>
</asp:DropDownList>
<asp:DropDownList ID="DropDownList3" runat="server">
    <asp:ListItem>2000</asp:ListItem>
    <asp:ListItem>2001</asp:ListItem>
    <asp:ListItem>2002</asp:ListItem>
    <asp:ListItem>2003</asp:ListItem>
    <asp:ListItem>2004</asp:ListItem>
    <asp:ListItem>2005</asp:ListItem>
    <asp:ListItem>2006</asp:ListItem>
    <asp:ListItem>2007</asp:ListItem>
    <asp:ListItem>2008</asp:ListItem>
    <asp:ListItem>2009</asp:ListItem>
    <asp:ListItem>2010</asp:ListItem>
    <asp:ListItem>2011</asp:ListItem>
</asp:DropDownList><br />
<asp:Button ID="Button1" runat="server"
OnClick="Button1_Click" Text="Show Date" /><br />
The Date is :<asp:TextBox ID="TextBox1"
runat="server"></asp:TextBox></div>
</form>
</body>

```

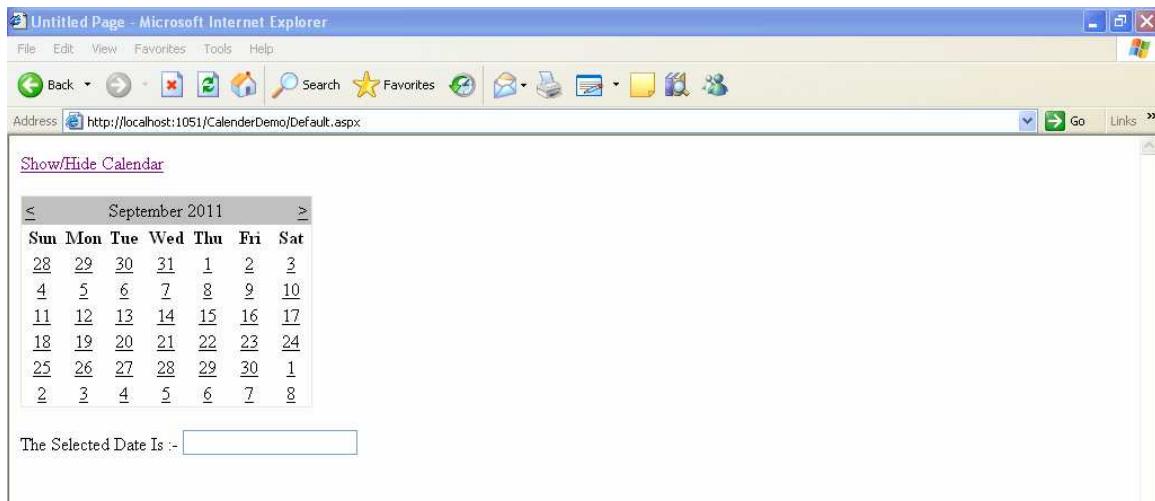
3. The code of the Default.aspx.cs is as follows (On Button Click event):

```

protected void Button1_Click(object sender, EventArgs e)
{
    TextBox1.Text = DropDownList1.SelectedItem + "/" +
    DropDownList2.SelectedItem + "/" + DropDownList3.SelectedItem;
}

```

Calendar Demo



Steps:-

1. Drag & Drop a LinkButton With Id **pick** & text **Show/Hide Calendar**.
2. Drag & drop a calendar & change its visibility to false.
3. Drag & drop a TextBox with Id **selectDate**.
4. After doing all this, ASPX code should Look like the following.

```

<body>
<form id="form1" runat="server">
<div>
<asp:LinkButton ID="pick" runat="server"
OnClick="pick_Click">Show/Hide Calendar</asp:LinkButton><br />
<br />
<asp:Calendar ID="Calendar1" runat="server"
OnSelectionChanged="Calendar1_SelectionChanged"
Visible="False"></asp:Calendar>
<br />
The Selected Date Is :-
<asp:TextBox ID="selectDate" runat="server"></asp:TextBox></div>
</form>
</body>

```

5. Now on the *.aspx.cs page do the followin coding :-

On LinkButton Click :-

```

protected void pick_Click(object sender, EventArgs e)
{
    if (Calendar1.Visible == true)
    {
        Calendar1.Visible = false;
    }
    else
        Calendar1.Visible = true;
}

```

On SelectionChane Event of calendar :-

```

protected void Calendar1_SelectionChanged(object sender, EventArgs e)
{
}

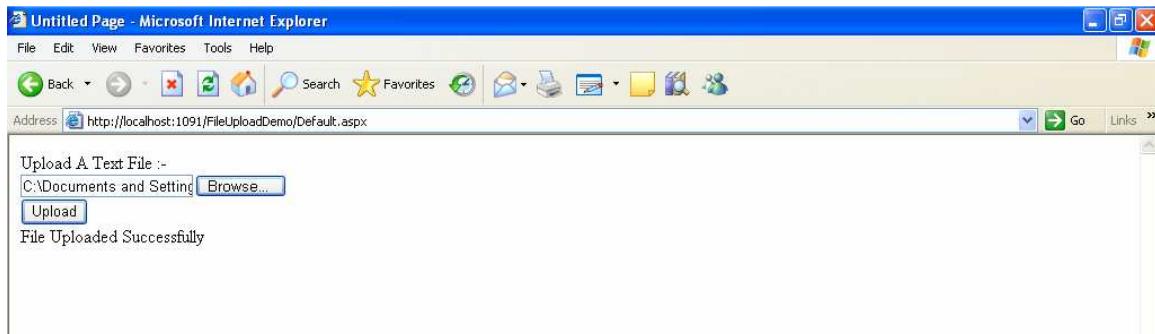
```

```
selectDate.Text = Calendar1.SelectedDate.ToShortDateString();
if (Calendar1.SelectedDate != null)
{
    Calendar1.Visible = false;
}
```



File Upload Demo

Aim: - To implement the FileUpload control to upload only *.txt files on the server.



Steps

1. Drag & drop a FileUpload Control from ToolBox to the web Page.
2. Add Label(Label1) & Button(Button1) on the Web Page(Default.aspx) .Make the Visibility Of the label to **false**.

The ASPX Looks Like Following:-

```
<body>
    <form id="form1" runat="server">
        <div>
            Upload A Text File :-<br />
            <asp:FileUpload ID="FileUpload1" runat="server" /><br />
            <asp:Button ID="Button1" runat="server"
                OnClick="Button1_Click" Text="Upload" /><br />
            <asp:Label ID="Label1" runat="server" Text="File Uploaded
                Successfully"></asp:Label></div>
        </form>
    </body>
```

3. Now on the Default.aspx.cs Do the following code on the Button1 Click event.

4. Include the Namespace

Using System.IO;

```
protected void Button1_Click(object sender, EventArgs e)
{
    string s = Server.MapPath("~/check.txt");
    if (FileUpload1.HasFile)
    {
        FileInfo file = new
        FileInfo(FileUpload1.FileName.ToString());
        if (file.Extension == ".txt")
        {
            FileUpload1.SaveAs(s);
            Label1.Visible = true;
        }
        else
        {
            Label1.Text = "File is NOT of Text Type";
            Label1.Visible = true;
        }
    }
}
```

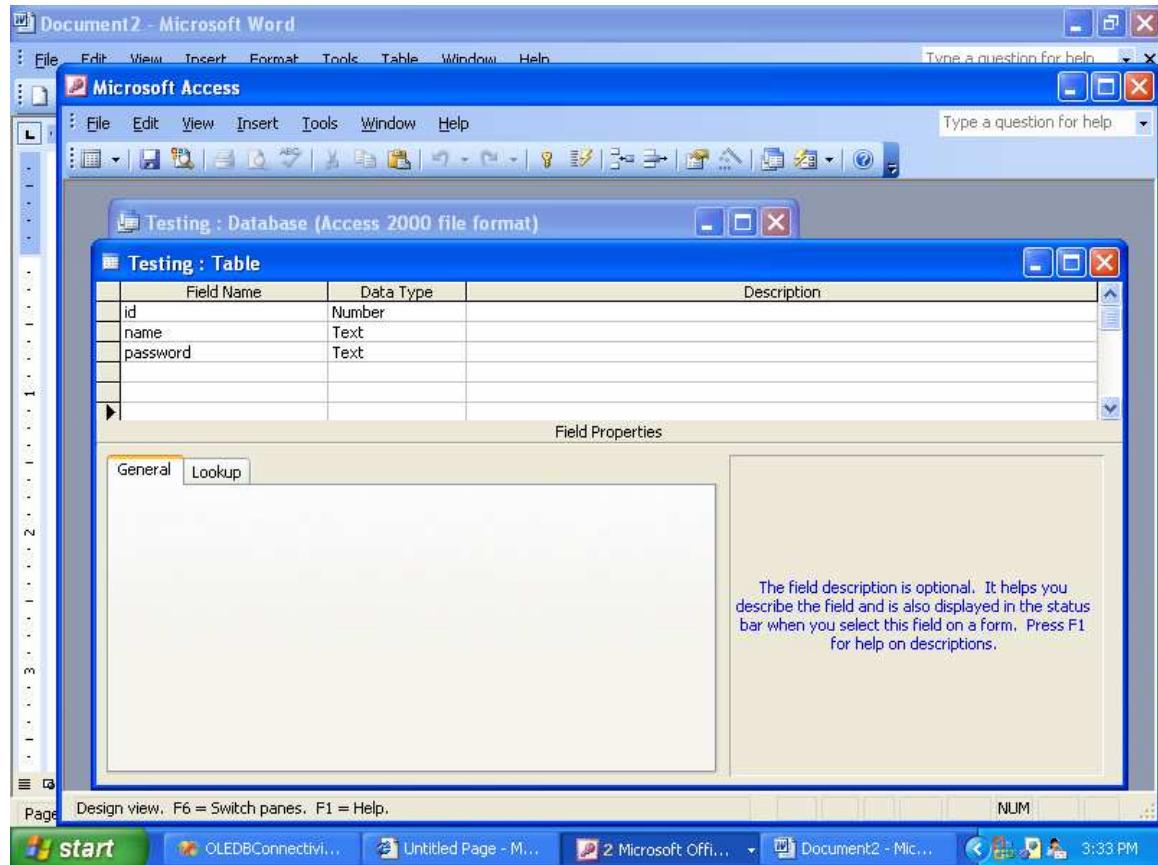
OLEDB Connectivity Demo

Aim:-To understand connecting to the Microsoft Access database & then insert the data , delete the data, update the data, select the single data & select all data from the database.

Database name :- Testing.mdb

Table Name :-Testing.

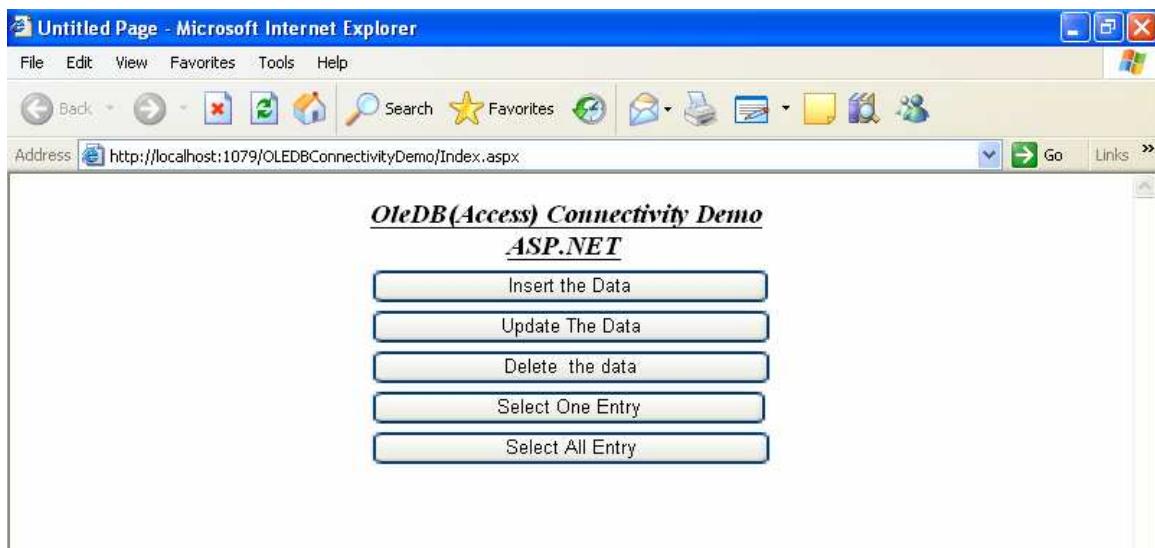
Table Structure :-



Connection String :-

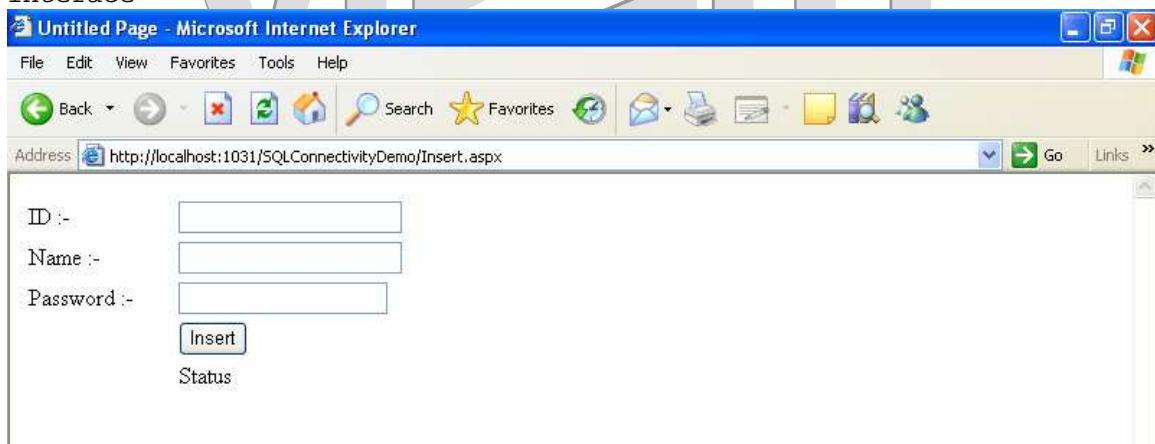
```
"Provider=Microsoft.Jet.OLEDB.4.0;Data
Source=D:\\OLEDBConnectivityDemo\\App_Data\\Testing.mdb"
```

- 1.The First page is to create the Index.aspx Page from where you can provide links to carry out all the operations.



As it is clear from the Picture that all 5 buttons represents all 5 operations in the database. To carry out each operation we need a separate ASPX page.

2. So Now create 5 pages Named Insert.aspx, Delete.aspx, Delete.aspx, ShowAll.aspx, SelectOne.aspx in the Microsof Visual Studio.
3. Now in the Index.aspx Page set the PostBackURL property of all the buttons to the respective pages.
4. Now Switch Over to Insert.aspx Page & create the following Inteface



The Code is as Follows:-

```

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

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>Untitled Page</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <table>
                <tr>
                    <td style="width: 100px">

```

```

        ID :-</td>
        <td style="width: 100px">
            <asp:TextBox ID="id"
runat="server"></asp:TextBox></td>
        </tr>
        <tr>
            <td style="width: 100px">
                Name :-</td>
            <td style="width: 100px">
                <asp:TextBox ID="name"
runat="server"></asp:TextBox></td>
            </tr>
            <tr>
                <td style="width: 100px">
                    Password :-</td>
                <td style="width: 100px">
                    <asp:TextBox ID="pass" runat="server"
TextMode="Password"></asp:TextBox></td>
                </tr>
                <tr>
                    <td style="width: 100px">
                    </td>
                    <td style="width: 100px">
                        <asp:Button ID="Button1" runat="server"
OnClick="Button1_Click" Text="Insert" /></td>
                    </tr>
                    <tr>
                        <td style="width: 100px">
                        </td>
                        <td style="width: 100px">
                            <asp:Label ID="Label1" runat="server"
Text="Status"></asp:Label></td>
                        </tr>
                    </table>
                </div>
            </form>
        </body>
    </html>

```

Now Switch Over to Insert.aspx.cs page & Include the Namespace(Don't delete any previous Namespaces) :

```
using System.Data.OleDb;
```

Declare the Global Variables :-

```

OleDbConnection con = new
OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;Data
Source=D:\\OLEDBConnectivityDemo\\App_Data\\Testing.mdb");
    OleDbCommand cmd;

On Page Load:-
con.Open();
On Button Click :-
protected void Button1_Click(object sender, EventArgs e)
{
    string qry="insert into Testing
values ("+id.Text+", '"+name.Text+"', '"+pass.Text+"')";
    cmd=new OleDbCommand(qry,con);
    cmd.ExecuteNonQuery();
    con.Close();
    Label1.Text="Data Inserted";
}

```

}

The Final Snap Shot is as follows when you click Insert Button :-

Untitled Page - Microsoft Internet Explorer

ID :-

Name :-

Password :-

Data Inserted

5. Now Switch Over to Update.aspx Page & create the following Interface

5. Now Switch Over to Update.aspx Page & create the following Interface

Untitled Page - Microsoft Internet Explorer

ID :-

Name :-

Password :-

Status

The ASPX code is as follows :

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

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>Untitled Page</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <table>
                <tr>
                    <td style="width: 100px">
                        ID :-</td>
                    <td style="width: 100px">
                        <asp:TextBox ID="id" runat="server"
AutoPostBack="True"
OnTextChanged="id_TextChanged"></asp:TextBox></td>
                    </tr>
                    <tr>
```

```

        <td style="width: 100px">
            Name :-</td>
        <td style="width: 100px">
            <asp:TextBox ID="name"
runat="server"></asp:TextBox></td>
        </tr>
        <tr>
            <td style="width: 100px; height: 26px;">
                Password :-</td>
            <td style="width: 100px; height: 26px;">
                <asp:TextBox ID="pass"
runat="server"></asp:TextBox></td>
        </tr>
        <tr>
            <td style="width: 100px">
            </td>
            <td style="width: 100px">
                <asp:Button ID="Button1" runat="server"
OnClick="Button1_Click" Text="Update" /></td>
            </tr>
            <tr>
                <td style="width: 100px">
                </td>
                <td style="width: 100px">
                    <asp:Label ID="Label1" runat="server"
Text="Status" Width="392px"></asp:Label></td>
                </tr>
            </table>
        </div>
    </form>
</body>
</html>

```

The Code for Aspx.cs page is as Follows :-

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.OleDb;

public partial class Update : System.Web.UI.Page
{
    OleDbConnection con = new
OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;Data
Source=D:\\OLEDBConnectivityDemo\\App_Data\\Testing.mdb");
    OleDbCommand cmd;
    OleDbDataAdapter sd = new OleDbDataAdapter();
    protected void Page_Load(object sender, EventArgs e)
    {
        con.Open();
    }
    protected void Button1_Click(object sender, EventArgs e)

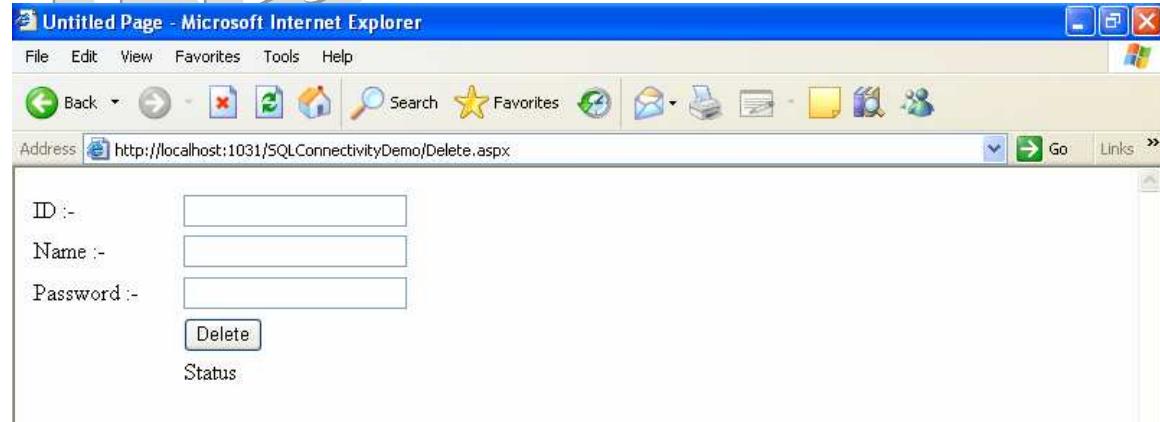
```

```

    {
        string qry = "Update Testing set [name]='" + name.Text +
        "',[password]='" + pass.Text + "' where [id]=" + id.Text;
        cmd = new OleDbCommand(qry, con);
        cmd.ExecuteNonQuery();
        con.Close();
        Label1.Text = "Updated the Data";
        id.Text = "";
        name.Text = "";
        pass.Text = "";
        id.Focus();
    }
    protected void id_TextChanged(object sender, EventArgs e)
    {
        string qry = "select * from Testing where id=" + id.Text;
        cmd = new OleDbCommand(qry, con);
        sd.SelectCommand = cmd;
        DataSet ds = new DataSet();
        sd.Fill(ds);
        if (ds.Tables[0].Rows.Count == 0)
        {
            Label1.Text = "No Such Id Exists";
            id.Text = "";
            id.Focus();
        }
        else
        {
            name.Text = ds.Tables[0].Rows[0][1].ToString();
            pass.Text = ds.Tables[0].Rows[0][2].ToString();
            Label1.Text = "Update the Data & press Update Button to
Update";
            name.Focus();
        }
    }
}

```

6. Switch Over to Delete.aspx & create the following interface :



The ASPX code is as :-

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

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

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

```

</head>
<body>
    <form id="form1" runat="server">
        <div>
            <table>
                <tr>
                    <td style="width: 100px">
                        ID : -</td>
                    <td style="width: 100px">
                        <asp:TextBox ID="id" runat="server"
                            AutoPostBack="True"
                            OnTextChanged="id_TextChanged"></asp:TextBox></td>
                </tr>
                <tr>
                    <td style="width: 100px">
                        Name : -</td>
                    <td style="width: 100px">
                        <asp:TextBox ID="name"
                            runat="server"></asp:TextBox></td>
                </tr>
                <tr>
                    <td style="width: 100px; height: 26px;">
                        Password : -</td>
                    <td style="width: 100px; height: 26px;">
                        <asp:TextBox ID="pass"
                            runat="server"></asp:TextBox></td>
                </tr>
                <tr>
                    <td style="width: 100px">
                    </td>
                    <td style="width: 100px">
                        <asp:Button ID="Button1" runat="server"
                            OnClick="Button1_Click" Text="Delete" /></td>
                </tr>
                <tr>
                    <td style="width: 100px">
                    </td>
                    <td style="width: 100px">
                        <asp:Label ID="Label1" runat="server"
                            Text="Status" Width="392px"></asp:Label></td>
                </tr>
            </table>
        </div>
    </form>
</body>
</html>

```

The Code for Delete.aspx.cs is as :-

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.OleDb;

```

```

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

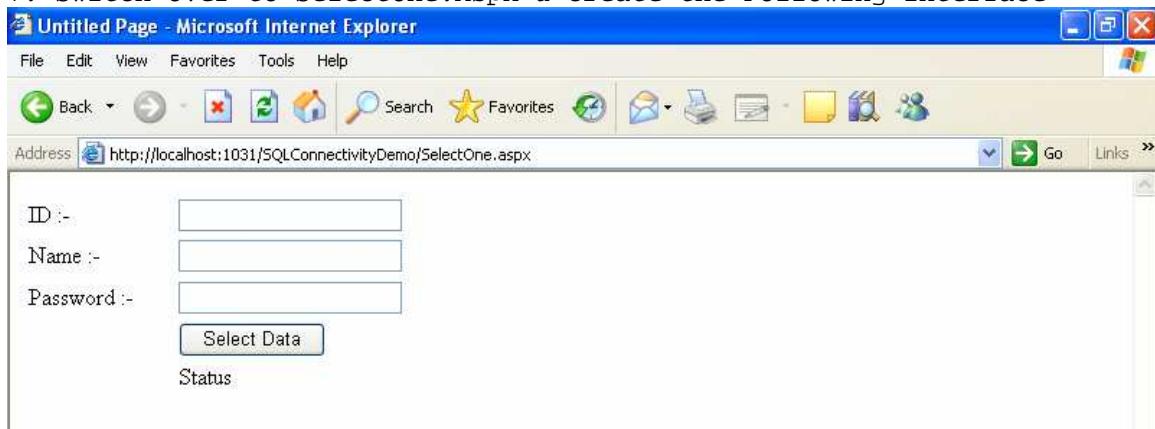
```

```

{
    OleDbConnection con = new
    OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;Data
    Source=D:\\OLEDBConnectivityDemo\\App_Data\\Testing.mdb");
    OleDbCommand cmd;
    OleDbDataAdapter sd = new OleDbDataAdapter();
    protected void Page_Load(object sender, EventArgs e)
    {
        con.Open();
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        string qry = "delete Testing where id=" + id.Text;
        cmd = new OleDbCommand(qry, con);
        cmd.ExecuteNonQuery();
        con.Close();
        Label1.Text = "Deleted the Data";
        id.Text = "";
        name.Text = "";
        pass.Text = "";
        id.Focus();
    }
    protected void id_TextChanged(object sender, EventArgs e)
    {
        string qry = "select * from Testing where id=" + id.Text;
        cmd = new OleDbCommand(qry, con);
        sd.SelectCommand = cmd;
        DataSet ds = new DataSet();
        sd.Fill(ds);
        if (ds.Tables[0].Rows.Count == 0)
        {
            Label1.Text = "No Such Id Exists";
            id.Text = "";
            id.Focus();
        }
        else
        {
            name.Text = ds.Tables[0].Rows[0][1].ToString();
            pass.Text = ds.Tables[0].Rows[0][2].ToString();
            Label1.Text = "To confirm delete Press Delete";
            name.Focus();
        }
    }
}

```

7. Switch Over to SelectOne.aspx & create the Following Interface



The Html code is as follows :-

```

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

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>Untitled Page</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <table>
                <tr>
                    <td style="width: 100px">
                        ID : -</td>
                    <td style="width: 100px">
                        <asp:TextBox ID="id" runat="server" />
                    </td>
                </tr>
                <tr>
                    <td style="width: 100px">
                        Name : -</td>
                    <td style="width: 100px">
                        <asp:TextBox ID="name" runat="server" />
                    </td>
                </tr>
                <tr>
                    <td style="width: 100px; height: 26px;">
                        Password : -</td>
                    <td style="width: 100px; height: 26px;">
                        <asp:TextBox ID="pass" runat="server" />
                    </td>
                </tr>
                <tr>
                    <td style="width: 100px">
                        </td>
                    <td style="width: 100px">
                        <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Select Data" />
                    </td>
                </tr>
                <tr>
                    <td style="width: 100px">
                        </td>
                    <td style="width: 100px">
                        <asp:Label ID="Label1" runat="server" Text="Status" Width="392px" />
                    </td>
                </tr>
            </table>
        </div>
    </form>
</body>
</html>

```

The SelectOne.aspx.cs code is as follows :-

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;

```

```

using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.OleDb;

public partial class SelectOne : System.Web.UI.Page
{
    OleDbConnection con = new
OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;Data
Source=D:\\OLEDBConnectivityDemo\\App_Data\\Testing.mdb");
    OleDbCommand cmd;
    OleDbDataAdapter sd = new OleDbDataAdapter();
    protected void Page_Load(object sender, EventArgs e)
    {

    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        string qry = "select * from Testing where id=" + id.Text;
        cmd = new OleDbCommand(qry, con);
        sd.SelectCommand = cmd;
        DataSet ds = new DataSet();
        sd.Fill(ds);
        if (ds.Tables[0].Rows.Count == 0)
        {
            Label1.Text = "No Such Id Exists";
            id.Text = "";
            id.Focus();
        }
        else
        {
            name.Text = ds.Tables[0].Rows[0][1].ToString();
            pass.Text = ds.Tables[0].Rows[0][2].ToString();
            Label1.Text = "This is Your Selected Data";
            name.Focus();
        }
    }
}

```

8. Now switch Over to ShowAll.aspx Page :-

For this page you require to drag & drop the GridView to show all tha data :-



The ASPX code is as :-

```

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

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>Untitled Page</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <br />
            <strong><em><span style="font-size: 16pt">All The Data in the
Database are as follows
:-</span></em></strong><br />
<asp:GridView ID="GridView1" runat="server">
</asp:GridView>
</div>
        </form>
    </body>
</html>
The ShowAll.aspx.cs code is as :-
using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.OleDb;

public partial class ShowAll : System.Web.UI.Page
{
    OleDbConnection con = new
OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;Data
Source=D:\\OLEDBConnectivityDemo\\App_Data\\Testing.mdb");
    OleDbCommand cmd;
    OleDbDataAdapter sd = new OleDbDataAdapter();
    protected void Page_Load(object sender, EventArgs e)
    {
        string qry = "select * from Testing";
        cmd = new OleDbCommand(qry, con);
        sd.SelectCommand = cmd;
        DataSet ds = new DataSet();
        sd.Fill(ds);
        GridView1.DataSource = ds.Tables[0];
        GridView1.DataBind();
    }
}

```

SQL Connectivity Demo

Aim:-To understand connecting to the Microsoft SQL server 2005 database & then insert the data , delete the data, update the data, select the single data & select all data from the database.

Database name :- Test

Table Name :-Testing

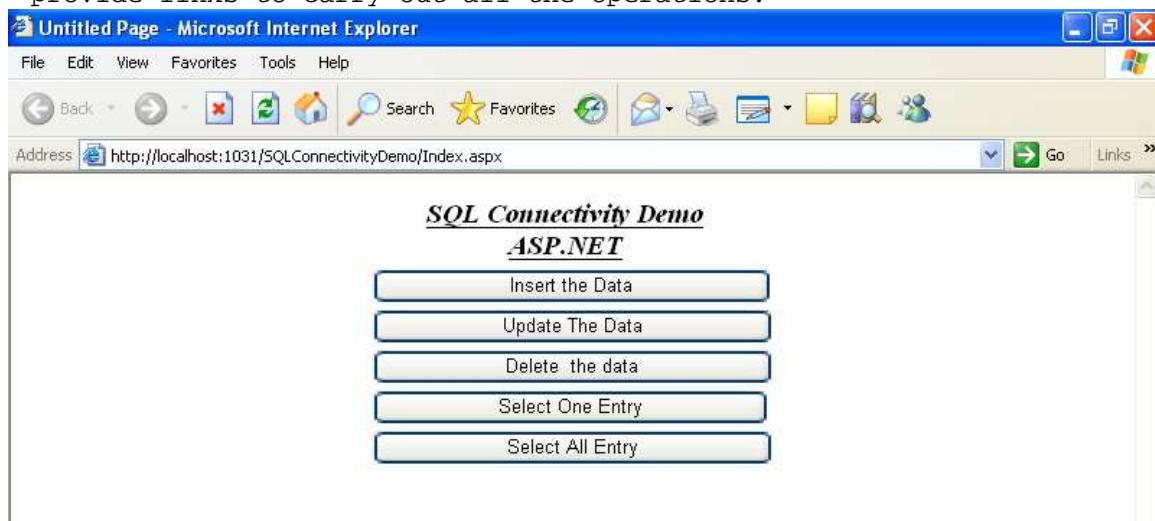
Table Structure :-

Column Name	Data Type	Allow Nulls
id	int	<input checked="" type="checkbox"/>
name	varchar(MAX)	<input checked="" type="checkbox"/>
password	varchar(MAX)	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

Connection String :-

```
"Data Source=.\\SQLEXPRESS;InitialCatalog=Test;Integrated Security=true"
```

- 1.The First page is to create the Index.aspx Page from where you can provide links to carry out all the operations.



As it is clear from the Picture that all 5 buttons represents all 5 operations in the database. To carry out each operation we need a separate ASPX page.

2. So Now create 5 pages Named

Insert.aspx,Delete.aspx,Delete.aspx,ShowAll.aspx,SelectOne.aspx in the Microsof Visual Studio .

3. Now in the Index.aspx Page set the PostBackURL property of all the buttons to the respective pages.

4. Now Switch Over to Insert.aspx Page & create the following Interface

The screenshot shows a Microsoft Internet Explorer window with the title "Untitled Page - Microsoft Internet Explorer". The address bar displays "http://localhost:1031/SQLConnectivityDemo/Insert.aspx". The page content consists of a form with three text input fields labeled "ID :-", "Name :-", and "Password :-". Below the fields is an "Insert" button and a "Status" label.

ASPX Code is as follows:-

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

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>Untitled Page</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <table>
                <tr>
                    <td style="width: 100px">
                        ID :-
                    </td>
                    <td style="width: 100px">
                        <asp:TextBox ID="id" runat="server"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td style="width: 100px">
                        Name :-
                    </td>
                    <td style="width: 100px">
                        <asp:TextBox ID="name" runat="server"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td style="width: 100px">
                        Password :-
                    </td>
                    <td style="width: 100px">
                        <asp:TextBox ID="pass" runat="server" TextMode="Password"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td style="width: 100px">
                    </td>
                    <td style="width: 100px">
                    </td>
                </tr>
            </table>
        </div>
    </form>
</body>
</html>
```

```

        <asp:Button ID="Button1" runat="server"
OnClick="Button1_Click" Text="Insert" /></td>
    </tr>
    <tr>
        <td style="width: 100px">
        </td>
        <td style="width: 100px">
            <asp:Label ID="Label1" runat="server"
Text="Status"></asp:Label></td>
        </tr>
    </table>

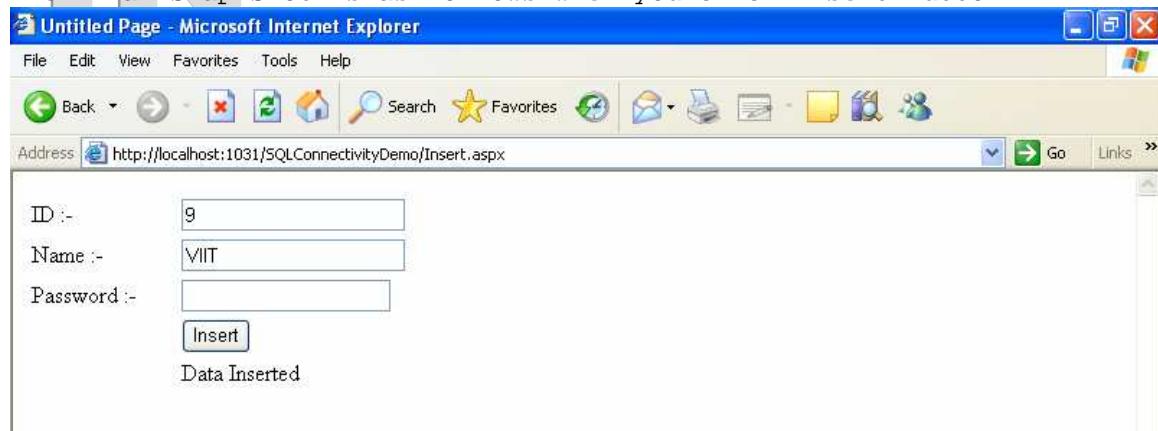
</div>
</form>
</body>
</html>

```

Now Switch Over to Insert.aspx.cs page & Include the Namespace(Don't delete any previous Namespaces) :
using System.Data.SqlClient;

Declare the Global Variables :-
SqlConnection con = new SqlConnection("Data Source=.\\SQLEXPRESS;Initial Catalog=Test;Integrated Security=true");
SqlCommand cmd;
On Page Load:-
con.Open();
On Button Click :-
protected void Button1_Click(object sender, EventArgs e)
{
 string qry="insert into Testing
values ('"+id.Text+"','"+name.Text+"','"+pass.Text+"')";
 cmd=new SqlCommand(qry,con);
 cmd.ExecuteNonQuery();
 con.Close();
 Label1.Text="Data Inserted";
}

The Final Snapshot is as follows when you click Insert Button :-



5.Now Switch Over to Update.aspx Page & create the following Inteface

The ASPX code is as follows :

```

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

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>Untitled Page</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <table>
                <tr>
                    <td style="width: 100px">
                        ID :-
                    </td>
                    <td style="width: 100px">
                        <asp:TextBox ID="id" runat="server"
AutoPostBack="True"
OnTextChanged="id_TextChanged"></asp:TextBox></td>
                    </tr>
                    <tr>
                        <td style="width: 100px">
                            Name :-
                        </td>
                        <td style="width: 100px">
                            <asp:TextBox ID="name"
runat="server"></asp:TextBox></td>
                        </tr>
                        <tr>
                            <td style="width: 100px; height: 26px;">
                                Password :-
                            </td>
                            <td style="width: 100px; height: 26px;">
                                <asp:TextBox ID="pass"
runat="server"></asp:TextBox></td>
                            </tr>
                            <tr>
                                <td style="width: 100px">
                                </td>
                                <td style="width: 100px">
                                    <asp:Button ID="Button1" runat="server"
OnClick="Button1_Click" Text="Update" /></td>
                                </tr>
                                <tr>
                                    <td style="width: 100px">
                                    </td>
                                </tr>
                            </table>
                        </div>
                    </form>
    </body>
</html>

```

```

        <td style="width: 100px">
            <asp:Label ID="Label1" runat="server"
Text="Status" Width="392px"></asp:Label></td>
        </tr>
    </table>

</div>

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

```

The Code for Aspx.cs page is as Follows :-

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

public partial class Update : System.Web.UI.Page
{
    SqlConnection con = new SqlConnection("Data
Source=.\SQLEXPRESS;Initial Catalog=Test;Integrated Security=true");
    SqlCommand cmd;
    SqlDataAdapter sd = new SqlDataAdapter();
//On Page Load
    protected void Page_Load(object sender, EventArgs e)
    {
        con.Open();
    }
On Update Button Click , To Update in the Database
    protected void Button1_Click(object sender, EventArgs e)
    {
        string qry = "Update Testing set name=' " + name.Text +
        "' ,password=' " + pass.Text + "' where id=" + id.Text;
        cmd = new SqlCommand(qry, con);
        cmd.ExecuteNonQuery();
        con.Close();
        Label1.Text = "Updated the Data";
        id.Text = "";
        name.Text = "";
        pass.Text = "";
        id.Focus();
    }
//On text Change , So that you can enter the ID & press TAB to see
the previous data in Database
    protected void id_TextChanged(object sender, EventArgs e)
    {
        string qry = "select * from Testing where id=" + id.Text;
        cmd = new SqlCommand(qry, con);
        sd.SelectCommand = cmd;
        DataSet ds = new DataSet();
        sd.Fill(ds);
        if (ds.Tables[0].Rows.Count == 0)

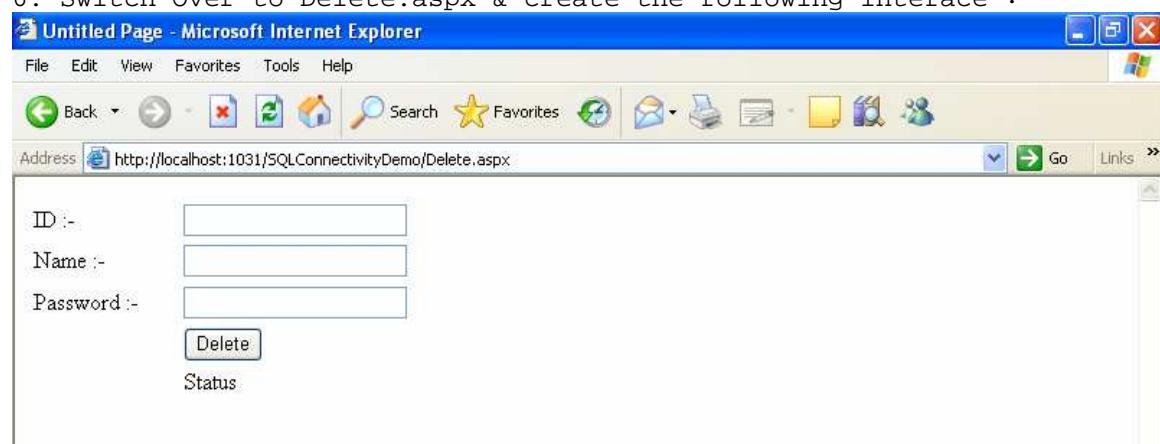
```

```

    {
        Label1.Text = "No Such Id Exists";
        id.Text = "";
        id.Focus();
    }
    else
    {
        name.Text = ds.Tables[0].Rows[0][1].ToString();
        pass.Text = ds.Tables[0].Rows[0][2].ToString();
        Label1.Text = "Update the Data & press Update Button to
Update";
        name.Focus();
    }
}
}

```

6. Switch Over to Delete.aspx & create the following interface :



The ASPX code is as :-

```

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

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>Untitled Page</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <table>
                <tr>
                    <td style="width: 100px">
                        ID :-
                    </td>
                    <td style="width: 100px">
                        <asp:TextBox ID="id" runat="server"
AutoPostBack="True"
OnTextChanged="id_TextChanged"></asp:TextBox></td>
                    </tr>
                    <tr>
                        <td style="width: 100px">
                            Name :-
                        </td>
                        <td style="width: 100px">
                            <asp:TextBox ID="name"
runat="server"></asp:TextBox></td>

```

```

        </tr>
        <tr>
            <td style="width: 100px; height: 26px;">
                Password : -</td>
            <td style="width: 100px; height: 26px;">
                <asp:TextBox ID="pass"
runat="server"></asp:TextBox></td>
        </tr>
        <tr>
            <td style="width: 100px">
            </td>
            <td style="width: 100px">
                <asp:Button ID="Button1" runat="server"
OnClick="Button1_Click" Text="Delete" /></td>
            </tr>
            <tr>
                <td style="width: 100px">
                </td>
                <td style="width: 100px">
                    <asp:Label ID="Label1" runat="server"
Text="Status" Width="392px"></asp:Label></td>
                </tr>
            </table>
        </div>
    </form>
</body>
</html>
The Code for Delete.aspx.cs is as :-
```

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

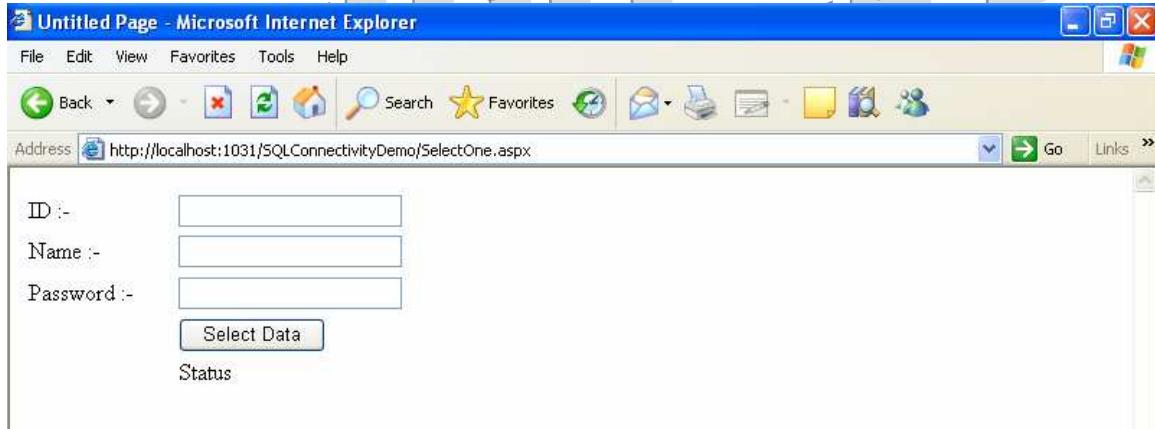
public partial class Delete : System.Web.UI.Page
{
    SqlConnection con = new SqlConnection("Data
Source=.\SQLEXPRESS;Initial Catalog=Test;Integrated Security=true");
    SqlCommand cmd;
    SqlDataAdapter sd = new SqlDataAdapter();
    protected void Page_Load(object sender, EventArgs e)
    {
        con.Open();
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        string qry = "delete Testing where id=" + id.Text;
        cmd = new SqlCommand(qry, con);
        cmd.ExecuteNonQuery();
        con.Close();
        Label1.Text = "Deleted the Data";
        id.Text = "";
        name.Text = "";
        pass.Text = "";
    }
}
```

```

        id.Focus();
    }
    protected void id_TextChanged(object sender, EventArgs e)
    {
        string qry = "select * from Testing where id=" + id.Text;
        cmd = new SqlCommand(qry, con);
        sd.SelectCommand = cmd;
        DataSet ds = new DataSet();
        sd.Fill(ds);
        if (ds.Tables[0].Rows.Count == 0)
        {
            Label1.Text = "No Such Id Exists";
            id.Text = "";
            id.Focus();
        }
        else
        {
            name.Text = ds.Tables[0][1].ToString();
            pass.Text = ds.Tables[0][2].ToString();
            Label1.Text = "To confirm delete Press Delete";
            name.Focus();
        }
    }
}

```

7. Switch Over to SelectOne.aspx & create the Following Interface



The Html code is as follows :-

```

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

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>Untitled Page</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <table>
                <tr>
                    <td style="width: 100px">
                        ID :-</td>
                    <td style="width: 100px">
                        <asp:TextBox ID="id" runat="server">
                    </asp:TextBox></td>

```

```

        </tr>
        <tr>
            <td style="width: 100px">
                Name :-</td>
            <td style="width: 100px">
                <asp:TextBox ID="name"
runat="server"></asp:TextBox></td>
            </tr>
            <tr>
                <td style="width: 100px; height: 26px;">
                    Password :-</td>
                <td style="width: 100px; height: 26px;">
                    <asp:TextBox ID="pass"
runat="server"></asp:TextBox></td>
                </tr>
                <tr>
                    <td style="width: 100px">
                    </td>
                    <td style="width: 100px">
                        <asp:Button ID="Button1" runat="server"
OnClick="Button1_Click" Text="Select Data" /></td>
                    </tr>
                    <tr>
                        <td style="width: 100px">
                        </td>
                        <td style="width: 100px">
                            <asp:Label ID="Label1" runat="server"
Text="Status" Width="392px"></asp:Label></td>
                        </tr>
                    </table>
                </div>
            </form>
        </body>
    </html>

```

The SelectOne.aspx.cs code is as follows :-

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

public partial class SelectOne : System.Web.UI.Page
{
    SqlConnection con = new SqlConnection("Data
Source=.\SQLEXPRESS;Initial Catalog=Test;Integrated Security=true");
    SqlCommand cmd;
    SqlDataAdapter sd = new SqlDataAdapter();
    protected void Page_Load(object sender, EventArgs e)
    {
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        string qry = "select * from Testing where id=" + id.Text;
    }
}

```

```

cmd = new SqlCommand(qry, con);
sd.SelectCommand = cmd;
DataSet ds = new DataSet();
sd.Fill(ds);
if (ds.Tables[0].Rows.Count == 0)
{
    Label1.Text = "No Such Id Exists";
    id.Text = "";
    id.Focus();
}
else
{
    name.Text = ds.Tables[0][1].ToString();
    pass.Text = ds.Tables[0][2].ToString();
    Label1.Text = "This is Your Selected Data";
    name.Focus();
}
}
}

```

8. Now switch Over to ShowAll.aspx Page :-
For this page you require to drag & drop the GridView to show all the data :-

id	name	password
1	Test12	Test
2	Test123	Test
3	Test123	Test
9	VIIT	test

The ASPX code is as :-

```

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

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>Untitled Page</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <br />
            <strong><em><span style="font-size: 16pt">All The Data in the
Database are as follows
                :--</span></em></strong><br />
            <asp:GridView ID="GridView1" runat="server">
                </asp:GridView>
        </div>
    </form>
</body>
</html>

```

```
</form>
</body>
</html>
The ShowAll.aspx.cs code is as :-
using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

public partial class ShowAll : System.Web.UI.Page
{
    SqlConnection con = new SqlConnection("Data
Source=.\SQLEXPRESS;Initial Catalog=Test;Integrated Security=true");
    SqlCommand cmd;
    SqlDataAdapter sd = new SqlDataAdapter();
    protected void Page_Load(object sender, EventArgs e)
    {
        string qry = "select * from Testing";
        cmd = new SqlCommand(qry, con);
        sd.SelectCommand = cmd;
        DataSet ds = new DataSet();
        sd.Fill(ds);
        GridView1.DataSource = ds.Tables[0];
        GridView1.DataBind();
    }
}
```

Student Marks Details

Aim: - To create the website in Asp.net which would enter the student marks & will show the functionality of the gridview.

AddDetails.aspx

Add Student Details

Name:-	<input type="text"/>
Class:-	<input type="text"/>
Marks In Subject 1:-	<input type="text"/>
Marks In Subject 2:-	<input type="text"/>
Marks In Subject 3:-	<input type="text"/>
Marks In Subject 4:-	<input type="text"/>
Total:-	<input type="text"/>
<input type="button" value="Calculate Total"/> <input type="button" value="Add Details"/>	

ASPX Code:-

```

<body style="font-size: 12pt">
    <form id="form1" runat="server">
        <div>
            <div style=>
                <br />
                <br />
                <table align="center">
                    <tr>
                        <td style="width: 100px" colspan="2">
                            <span><strong><em>Add Student
Details</em></strong></span></td>
                        </td>
                    </tr>
                    <tr>
                        <td style="width: 296px">
                            Name:-</td>
                        <td style="width: 83px">
                            <asp:TextBox ID="name"
runat="server"></asp:TextBox></td>
                        </tr>
                        <tr>
                            <td style="width: 296px">
                                Class:-</td>
                            <td style="width: 83px">
                                <asp:TextBox ID="classname"
runat="server"></asp:TextBox></td>
                            </tr>
                            <tr>
                                <td style="width: 296px">
                                    Marks In Subject 1:-</td>
                                <td style="width: 83px">

```

```

        <asp:TextBox ID="m1"
runat="server"></asp:TextBox></td>
    </tr>
    <tr>
        <td style="width: 296px">
            Marks In Subject 2:-</td>
        <td style="width: 83px">
            <asp:TextBox ID="m2"
runat="server"></asp:TextBox></td>
        </tr>
        <tr>
            <td style="width: 296px">
                Marks In Subject 3:-</td>
            <td style="width: 83px">
                <asp:TextBox ID="m3"
runat="server"></asp:TextBox></td>
            </tr>
            <tr>
                <td style="width: 296px">
                    Marks In Subject 4:-</td>
                <td style="width: 83px">
                    <asp:TextBox ID="m4"
runat="server"></asp:TextBox></td>
                </tr>
                <tr>
                    <td style="width: 296px; height: 26px">
                        Total:-</td>
                    <td style="width: 83px; height: 26px">
                        <asp:TextBox ID="total" runat="server"
ReadOnly="True"></asp:TextBox></td>
                    </tr>
                    <tr>
                        <td style="width: 296px">
                            <asp:Button ID="Button1" runat="server"
OnClick="Button1_Click" Text="Calculate Total " /></td>
                        <td style="width: 83px">
                            <asp:Button ID="Button2" runat="server"
OnClick="Button2_Click" Text="Add Details" /></td>
                        </tr>
                        <tr>
                            <td style="width: 296px">
                                <asp:Label ID="Label1"
runat="server"></asp:Label></td>
                            <td style="width: 83px">
                                </td>
                            </tr>
                        </table>
                    </div>
                </div>
            </form>
        </body>
    
```

AddDetails.aspx.cs:

```

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

public partial class AddDetails : System.Web.UI.Page
{
    string strcon = "Data Source=.\SQLEXPRESS;Initial
Catalog=Student;Integrated Security=true";

```

```

SqlConnection con;
SqlCommand cmd;

protected void Page_Load(object sender, EventArgs e)
{
    con = new SqlConnection(strcon);
    con.Open();
    Label1.Visible = false;
}
protected void Button2_Click(object sender, EventArgs e) //Add
{
    if (total.Text == "")
    {
        Label1.Visible = true;
        Label1.Text = "Please marks & press Calculate total to
add marks";
    }
    else
    {
        string qry = "insert into stu values('" + name.Text +
"', '" + classname.Text + "','" + m1.Text + "','" + m2.Text + "','" +
m3.Text + "','" + m4.Text + "','" + total.Text + "')";
        cmd = new SqlCommand(qry, con);
        cmd.ExecuteNonQuery();
        Label1.Visible = true;
        Label1.Text = "Data Added";
        name.Text = "";
        classname.Text = "";
        m1.Text = "";
        m2.Text = "";
        m3.Text = "";
        m4.Text = "";
        total.Text = "";
        name.Focus();
    }
}
protected void Button1_Click(object sender, EventArgs e)
//Calculate
{
    total.Text = Convert.ToString(Convert.ToInt32(m1.Text) +
Convert.ToInt32(m2.Text) + Convert.ToInt32(m3.Text) +
Convert.ToInt32(m4.Text));
}
}

```

SeeAllDetails.aspx

The All Details added are as follows

id	stuname	class	m1	m2	m3	m4	total
1	Vit1	12	80	90	95	78	343
2	VIIT	12	90	90	90	90	360
3	Test	11	80	80	80	80	320

Code for SeeAllDetails.aspx:-

```

<body>
    <form id="form1" runat="server">
        <div>
            <table align="center" style="width: 312px;">
                <tr align="center">
                    <td style="width: 235px" align="center">
                        <span style="font-size: 14pt"><strong><em>
                            The All Details added are as follows </em>
                        </strong></span>
                    </td>
                </tr>
                <tr>
                    <td style="width: 235px; height: 154px;">
                        <asp:GridView ID="GridView1"
runat="server" Width="580px">
                            </asp:GridView>
                    </td>
                </tr>
            </table>
        </div>
    </form>
</body>

```

SeeAllDetails.aspx.cs page :-

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

public partial class SeeAllDetails : System.Web.UI.Page
{
    string strcon = "Data Source=.\SQLEXPRESS;Initial Catalog=Student;Integrated Security=true";

```

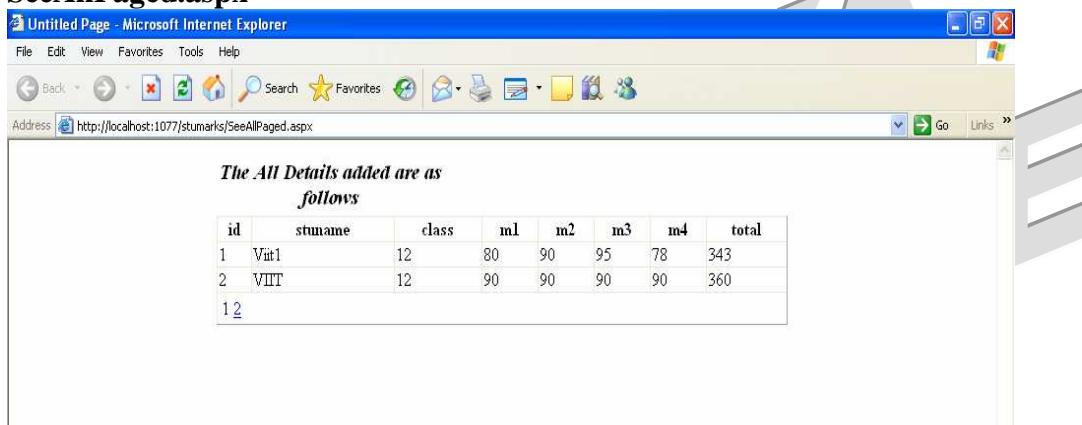
```

SqlConnection con;
SqlCommand cmd;
SqlDataAdapter sd = new SqlDataAdapter();
protected void Page_Load(object sender, EventArgs e)
{
    con = new SqlConnection(strcon);
    con.Open();
    cmd = new SqlCommand("select * from stu", con);
    sd.SelectCommand = cmd;
    DataSet ds = new DataSet();
    sd.Fill(ds);
    GridView1.DataSource = ds.Tables[0];
    GridView1.DataBind();
}
}

```

Aim: - To Enable Paging in the Grid View.

SeeAllPaged.aspx



ASPX Code for SeeAllPaged.aspx :

```

<body>
<form id="form1" runat="server">
<div>
    <table align="center" style="width: 312px">
        <tr>
            <td align="center" style="width: 235px">
                <span style="font-size: 14pt"><strong><em>The All Details added are as follows </em></strong></span>
            </td>
        </tr>
        <tr>
            <td style="width: 235px">
                <asp:GridView ID="GridView1" runat="server" AllowPaging="True" OnPageIndexChanged="GridView1_PageIndexChanged" OnPageIndexChanging="GridView1_PageIndexChanging" PageSize="2" Width="580px">
                    </asp:GridView>
                </td>
            </tr>
        </table>
    </div>

```

```

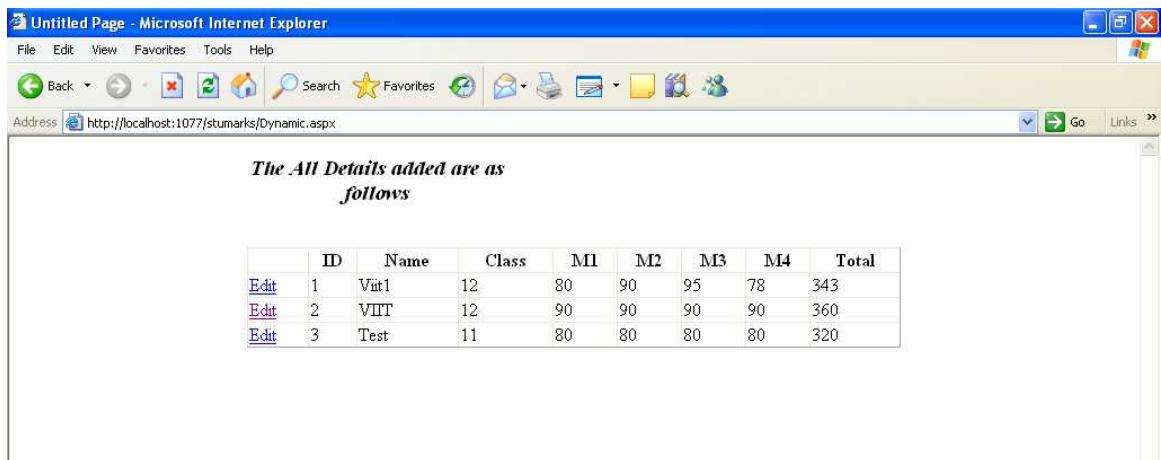
</form>
</body>

SeeAllPaged.aspx.cs :
using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

public partial class SeeAllPaged : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!Page.IsPostBack)
            Bind();
    }
    protected void GridView1_PageIndexChanged(object sender,
EventArgs e)
    {
        Bind();
    }
    protected void GridView1_PageIndexChanging(object sender,
GridViewPageEventArgs e)
    {
        GridView1PageIndex = e.NewPageIndex;
        Bind();
    }
    void Bind()
    {
        string strcon = "Data Source=.\SQLEXPRESS;Initial
Catalog=Student;Integrated Security=true";
        SqlConnection con;
        SqlCommand cmd;
        SqlDataAdapter sd = new SqlDataAdapter();
        con = new SqlConnection(strcon);
        con.Open();
        cmd = new SqlCommand("select * from stu", con);
        sd.SelectCommand = cmd;
        DataSet ds = new DataSet();
        sd.Fill(ds);
        GridView1.DataSource = ds.Tables[0];
        GridView1.DataBind();
    }
}

```

Aim :- To Enable Editing in the Grid View
Dynamic.aspx



CODE For Dynamic.aspx :-

```

<body>
    <form id="form1" runat="server">
        <div>
            <div>
                <table align="center" style="width: 312px">
                    <tr align="center">
                        <td align="center" style="width: 235px">
                            <span style="font-size: 14pt"><strong><em>The
All Details added are as follows </em>
                            </strong></span>
                        </td>
                    </tr>
                    <tr>
                        <td style="width: 235px; height: 154px">
                            <asp:GridView ID="GridView1"
runat="server" AutoGenerateColumns="False"
AutoGenerateEditButton="True"
                                Width="580px"
OnRowCancelingEdit="GridView1_RowCancelingEdit"
OnRowEditing="GridView1_RowEditing"
OnRowUpdated="GridView1_RowUpdated"
OnRowUpdating="GridView1_RowUpdating">
                                <Columns>
                                    <asp:TemplateField
HeaderText="ID">
                                        <ItemTemplate>
                                            <%#Eval("id") %>
                                        </ItemTemplate>
                                        <EditItemTemplate>
                                            <asp:Label ID="id"
runat="server" Text='<%#Eval("id") %>'></asp:Label>
                                        </EditItemTemplate>
                                    </asp:TemplateField>
                                    <asp:TemplateField
HeaderText="Name">
                                        <ItemTemplate>
                                            <%#Eval("stuname") %>
                                        </ItemTemplate>
                                        <EditItemTemplate>

```

```

<asp:TextBox ID="name"
runat="server" Text='<%#Eval("stuname") %>'></asp:TextBox>
</EditItemTemplate>
</asp:TemplateField>
<asp:TemplateField
HeaderText="Class">
<ItemTemplate>
<%#Eval("class") %>
</ItemTemplate>
<EditItemTemplate>
<asp:TextBox ID="class"
runat="server" Text='<%#Eval("class") %>'></asp:TextBox>
</EditItemTemplate>
</asp:TemplateField>

<asp:TemplateField
HeaderText="M1">
<ItemTemplate>
<%#Eval("m1") %>
</ItemTemplate>
<EditItemTemplate>
<asp:TextBox ID="m1"
runat="server" Text='<%#Eval("m1") %>'></asp:TextBox>
</EditItemTemplate>
</asp:TemplateField>
<asp:TemplateField
HeaderText="M2">
<ItemTemplate>
<%#Eval("m2") %>
</ItemTemplate>
<EditItemTemplate>
<asp:TextBox ID="m2"
runat="server" Text='<%#Eval("m2") %>'></asp:TextBox>
</EditItemTemplate>
</asp:TemplateField>
<asp:TemplateField
HeaderText="M3">
<ItemTemplate>
<%#Eval("m3") %>
</ItemTemplate>
<EditItemTemplate>
<asp:TextBox ID="m3"
runat="server" Text='<%#Eval("m3") %>'></asp:TextBox>
</EditItemTemplate>
</asp:TemplateField>
<asp:TemplateField
HeaderText="M4">
<ItemTemplate>
<%#Eval("m4") %>
</ItemTemplate>

```

```

<EditItemTemplate>
<asp:TextBox ID="m4"
runat="server" Text='<%#Eval("m4") %>'></asp:TextBox>
</EditItemTemplate>
</asp:TemplateField>
<asp:TemplateField

HeaderText="Total">
<ItemTemplate>
<%#Eval("total") %>
</ItemTemplate>
<EditItemTemplate>
<asp:TextBox ID="total"
runat="server" Text='<%#Eval("total") %>'></asp:TextBox>
</EditItemTemplate>
</asp:TemplateField>

</Columns>
</asp:GridView>

```

```

</td>
</tr>
</table>
</div>
</form>
</body>

Dynamic.aspx.cs
using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

public partial class Dynamic : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!Page.IsPostBack)
            Bind();
    }
    void Bind()
    {
        string strcon = "Data Source=.\SQLEXPRESS;Initial
Catalog=Student;Integrated Security=true";
        SqlConnection con;

```

```

        SqlCommand cmd;
        SqlDataAdapter sd = new SqlDataAdapter();
        con = new SqlConnection(strcon);
        con.Open();
        cmd = new SqlCommand("select * from stu", con);
        sd.SelectCommand = cmd;
        DataSet ds = new DataSet();
        sd.Fill(ds);
        GridView1.DataSource = ds.Tables[0];
        GridView1.DataBind();
    }
    protected void GridView1_RowCancelingEdit(object sender,
        GridViewCancelEventArgs e)
    {
        GridView1.EditIndex = -1;
        Bind();
    }
    protected void GridView1_RowUpdated(object sender,
        GridViewUpdatedEventArgs e)
    {
        GridView1.EditIndex = -1;
        Bind();
    }
    protected void GridView1_RowUpdating(object sender,
        GridViewUpdateEventArgs e)
    {
        GridViewRow row = (GridViewRow)GridView1.Rows[e.RowIndex];
        Label l1 = (Label)row.FindControl("id");
        TextBox t1 = (TextBox)row.FindControl("name");
        TextBox t2 = (TextBox)row.FindControl("class");
        TextBox t3 = (TextBox)row.FindControl("m1");
        TextBox t4 = (TextBox)row.FindControl("m2");
        TextBox t5 = (TextBox)row.FindControl("m3");
        TextBox t6 = (TextBox)row.FindControl("m4");
        TextBox t7 = (TextBox)row.FindControl("total");

        SqlConnection con1 = new SqlConnection("Data
Source=.\SQLEXPRESS;Initial Catalog=Student;Integrated
Security=true");
        SqlCommand cmd1 = new SqlCommand("update stu set stuname=' " +
t1.Text + "' ,class=' " + t2.Text + "' ,m1=' " + t3.Text + "' ,m2=' " +
t4.Text + "' ,m3=' " + t5.Text + "' ,m4=' " + t6.Text + "' ,total=' " +
t7.Text + "' where id=' " + l1.Text, con1);
        con1.Open();
        cmd1.ExecuteNonQuery();
        con1.Close();
        GridView1.EditIndex = -1;
        Bind();
    }
    protected void GridView1_RowEditing(object sender,
        GridViewEditEventArgs e)
    {
        GridView1.EditIndex = e.NewEditIndex;
        Bind();
    }
}

```

Login & Session Demo

Aim: - To create the Login page & establish session in that page & then link to the other page that can be seen only after the Login.

Database name: - Test

Table Name: -Testing

Table Structure:-

Column Name	Data Type	Allow Nulls
id	int	<input checked="" type="checkbox"/>
name	varchar(MAX)	<input checked="" type="checkbox"/>
password	varchar(MAX)	<input checked="" type="checkbox"/>

Connection String :-

```
"Data Source=.\SQLEXPRESS;InitialCatalog=Test;Integrated Security=true"
```

Snap shot of the Login page(Default.aspx) :-



Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://localhost:1050/SessionweconfigDemo/Default.aspx

VIIT Login Demo

Enter User Name:-

Enter Password:-

Snap Shot of the 2nd page which can be seen only after Login (Default2.aspx) :-



Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://localhost:1050/SessionweconfigDemo/Default2.aspx

Hi VIIT You are seeing this page after Login... [LogOut](#)

Steps :-

1. Add two pages in the Default.aspx (which is used for Login) & Default2.aspx which be seen only after Login .
2. In the Default.aspx , Create the Inteface As Shown (with Two textBoxes i.e. TextBox1 & TextBox2 & one Login Button Button1).
3. Now in Default.aspx.cs include using System.Data.SqlClient &

Write the following code on the **Button1_Click**.

```

string strcon = "Data Source=.\\SQLEXPRESS;Initial
Catalog=Test;Integrated Security=true";
SqlConnection con;
SqlCommand cmd;
SqlDataAdapter sd=new SqlDataAdapter();
protected void Button1_Click(object sender, EventArgs e)
{
    con = new SqlConnection(strcon);
    string qry = "Select * from Testing where name=' " +
    TextBox1.Text + "' and password=' " + TextBox2.Text + " '";
    cmd = new SqlCommand(qry, con);
    sd.SelectCommand = cmd;
    DataSet ds = new DataSet();
    sd.Fill(ds);
    if (ds.Tables[0].Rows.Count == 0)
    {
        Response.Write("<script>alert('Login
Failed')</script>");
        TextBox1.Text = "";
        TextBox2.Text = "";
        TextBox1.Focus();
    }
    else
    {
        Session["user"] = TextBox1.Text;
        Response.Redirect("Default2.aspx");
    }
}

```

4. Switch over to the Default2.aspx & create Inteface as shown (with One label i.e. Label1 in which User name is displayed & a Link Button for Log Out).

5. On Page Load do following :

```

protected void Page_Load(object sender, EventArgs e)
{
    if (Session["user"] == null)
    {
        Response.Redirect("Default.aspx");
    }
    else
    {
        Label1.Text = Session["user"].ToString();
    }
}

```

On Log Out Button Click :-

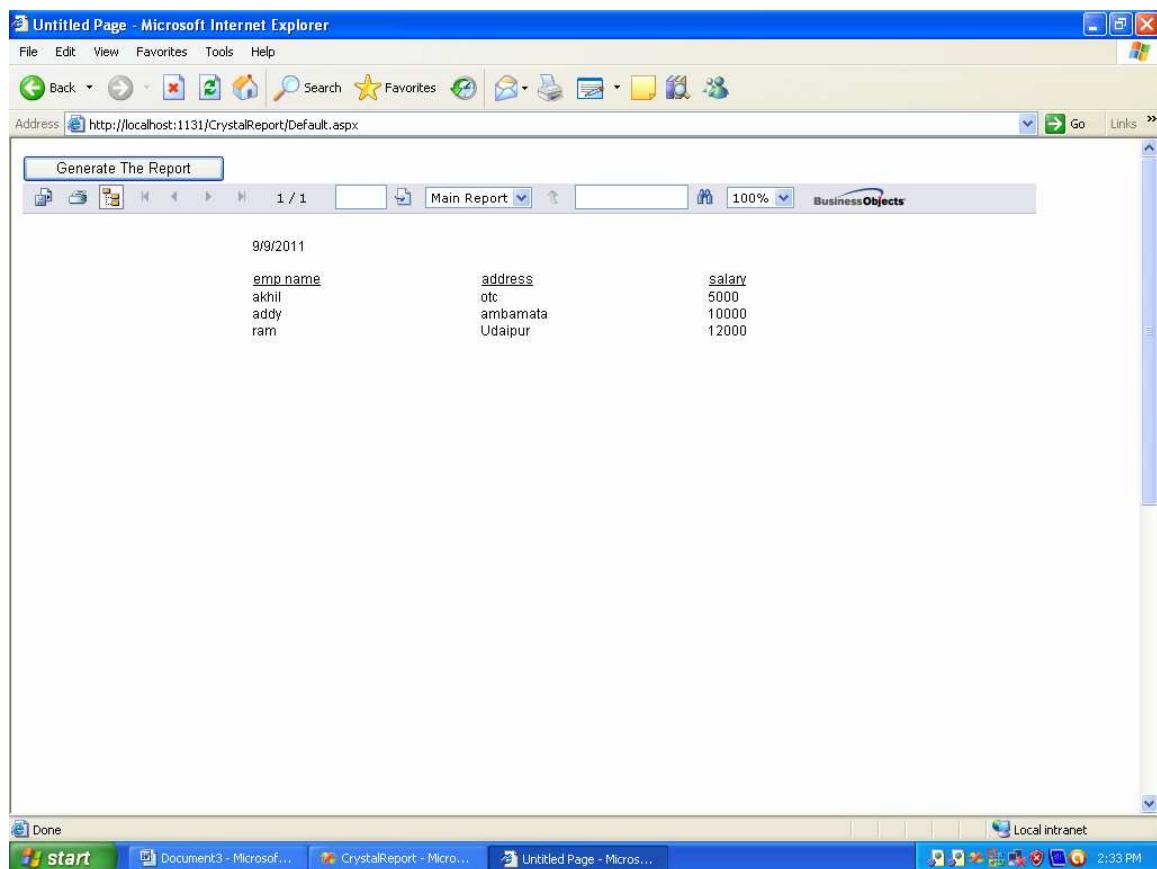
```

protected void LinkButton1_Click(object sender, EventArgs e)
{
    Session["user"] = null;
    Session.Abandon();
    Response.Redirect("Default.aspx");
}

```

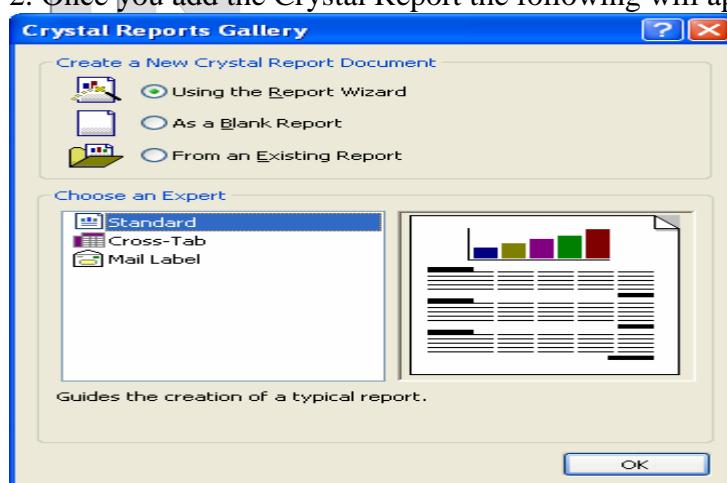
Crystal Report

Aim :- To generate crystal report of a table in the database & understand control CrystalReportViewer



Steps:-

1. Right Click on the WebSite & add New Item-> Crystal Report.
2. Once you add the Crystal Report the following will appear



3. Click OK & then Add the Access data base to the *.rpt.
4. Then in the Default.aspx add a Crystal Report Viewer & select the Source as *.rpt file.

AdRotator

Aim :- To implement AdRotator using a XMLDatasource.



Steps:-

1. Drag & drop AdRotator control from Toolbox
2. Add a XML file in the website named **Advertisement.xml** & write the following code in it.

XML file advertisement.xml

```

<?xml version="1.0" encoding="utf-8" ?>
<Advertisements>
  <Ad>
    <ImageUrl>~/Images/Desert.jpg</ImageUrl>
    <NavigateUrl>~/Adrotator/Page1.aspx</NavigateUrl>
    <AlternateText>Desert</AlternateText>
    <Width>150</Width>
    <Height>150</Height>
  </Ad>
  <Ad>
    <ImageUrl>~/Images/Lighthouse.jpg</ImageUrl>
    <NavigateUrl>~/Adrotator/Page2.aspx</NavigateUrl>
    <AlternateText>Lighthouse</AlternateText>
    <Width>150</Width>
    <Height>150</Height>
  </Ad>
  <Ad>
    <ImageUrl>~/Images/House.jpg</ImageUrl>
    <NavigateUrl>~/Adrotator/Page2.aspx</NavigateUrl>
    <AlternateText>Lighthouse</AlternateText>
    <Width>150</Width>
    <Height>150</Height>
  </Ad>

```

```
<Ad>
<ImageUrl>~/Images/Light.jpg</ImageUrl>
<NavigateUrl>~/Adrotator/Page2.aspx</NavigateUrl>
<AlternateText>Lighthouse</AlternateText>
<Width>150</Width>
<Height>150</Height>

</Ad>
```

```
</Advertisements>
```

3. Add a XMLDataSource & link it with Adrotator.

ASPX Code

```
<asp:AdRotator ID="AdRotator1" runat="server"
DataSourceID="XmlDataSource1" />
<asp:XmlDataSource ID="XmlDataSource1" runat="server"
DataFile="~/Advertisement.xml"></asp:XmlDataSource>
```



Wizard Control

Aim: - To understand Wizard Control , which will gather the data from the user in the steps

Step 1



[General Information](#)

Name

[Contact Information](#)

[Confirmation](#)

[Next](#)

Step 2



[General Information](#)

Adress

[Contact Information](#)

[Confirmation](#)

[Previous](#)

[Next](#)

Step 3



[General Information](#)

your Name:viit

[Contact Information](#)

Your Adress:demo adress

[Confirmation](#)

[Previous](#)

[Finish](#)

Steps:-

1. Drag Wizard Control from toolkit and drop in web page.
2. By Default it will show two steps of wizard.
3. You can add steps using properties of control or Click at the Mark showing right side of wizard control in page(Design mode)
4. Change title of steps;
5. Add needed controls in appropriate step tag in wizard control.
6. Set active step index to 0 to set starting step of wizard from first .

Aspx Code

```
<asp:Wizard ID="Wizard1" runat="server" ActiveStepIndex="0" Height="98px"
onactivestepchanged="Wizard1_ActiveStepChanged" Width="478px"
onfinishbuttonclick="Wizard1_FinishButtonClick">
<StartNavigationTemplate>
```

```

<asp:Button ID="StartNextButton" runat="server"
CommandName="MoveNext"
Text="Next" />
</StartNavigationTemplate>
<WizardSteps>

<asp:WizardStep runat="server" title="General Information">
<asp:Label ID="Label1" runat="server" Text="Name"></asp:Label>

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

<asp:WizardStep runat="server" title="Contact Information">
<asp:Label ID="Label2" runat="server" Text="Adress"></asp:Label>
<asp:TextBox ID="txtAdress" runat="server" TextMode="MultiLine"
></asp:TextBox>
</asp:WizardStep>

<asp:WizardStep runat="server" title="Confirmation">
<asp:Label ID="lblConfirm" runat="server" ></asp:Label>
</asp:WizardStep>
</WizardSteps>
</asp:Wizard>

```

C# Code file

```

protected void Wizard1_ActiveStepChanged(object sender, EventArgs e)
{
    if (Wizard1.ActiveStepIndex == 2) {
        lblConfirm.Text = "your Name:" + txtName.Text + "<br />" + "Your
Adress:" + txtAdress.Text;
    }
}

protected void Wizard1_FinishButtonClick(object sender,
WizardEventArgs e)
{
    Wizard1.Visible=false;
    Response.Write("You have finsh wizard");
}

```

Multi view Control

Aim:- Create a web page using multi view control in asp.net

Login | Register

Login

UserID

Password

Login | Register

Register

Your Name

UserID

Password

Steps:-

1. Drag a multi view control from toolbox and drop it into your web page.
2. Drop view control from toolbox and drop inside multi view control into web page at design mode .
- 3.Add additional controls required to show in particular view .
4. Set Active view index as 0 to set first view will show on page.
- 5.Now you can set active view index as you want.

Aspx code

```
<div>
<asp:LinkButton ID="lbLogin" runat="server"
onclick="lbLogin_Click">Login</asp:LinkButton> &nbsp;|
<asp:LinkButton ID="lbRegister" runat="server"
onclick="lbRegister_Click">Register</asp:LinkButton>
</div>
<asp:MultiView ID="MultiView1" runat="server"
onactiveviewchanged="MultiView1_ActiveViewChanged">
<asp:View ID="View1" runat="server">
<h3>Login</h3>
<table >
<tr>
<td>
<asp:Label ID="Label1" runat="server" Text="UserID"></asp:Label>
<asp:TextBox ID="tbName" runat="server"></asp:TextBox>
</td>
```

```
<td>
  &nbsp;</td>
</tr>
<tr>
<td>
  <asp:Label ID="Label2" runat="server" Text="Password"></asp:Label>
  <asp:TextBox ID="tnPass" runat="server"></asp:TextBox>
</td>
<td>
  &nbsp;</td>
</tr>
<tr>
<td>
  <asp:Button ID="btnLogin" runat="server" Text="Login" />
</td>
<td>
  &nbsp;</td>
</tr>
</table>

</asp:View>
<asp:View ID="View2" runat="server">
<h3>Register</h3>
<table >
<tr>
<td>
  <asp:Label ID="Label5" runat="server" Text="Your Name"></asp:Label>
  <asp:TextBox ID="tbUName" runat="server"></asp:TextBox>
</td>
<td>
  &nbsp;</td>
</tr>
<tr>
<td>
  &nbsp;</td>
</tr>
<td>
  <asp:Label ID="Label3" runat="server" Text="UserID"></asp:Label>
  <asp:TextBox ID="TbUserID" runat="server"></asp:TextBox>
</td>
<td>
  &nbsp;</td>
</tr>
<tr>
<td>
  <asp:Label ID="Label4" runat="server" Text="Password"></asp:Label>
  <asp:TextBox ID="tbUserPass" runat="server"></asp:TextBox>
</td>
<td>
  &nbsp;</td>
</tr>
</table>
```

```
<td>
<asp:Button ID="Button1" runat="server" Text="Register" />
</td>
<td>
 </td>
</tr>
</table>

</asp:View>
</asp:MultiView>
```

Code in C#

```
protected void lbLogin_Click(object sender, EventArgs e)
{
    MultiView1.ActiveViewIndex = 0;
}
protected void lbRegister_Click(object sender, EventArgs e)
{
    MultiView1.ActiveViewIndex = 1;
}
```

Web Service

Aim:- To implement a web page using Web Service in asp.net

The following operations are supported. For a formal definition, please review the [Service Description](#).

- [Add](#)
- [Div](#)
- [HelloWorld](#)
- [Mul](#)
- [Square](#)
- [Sub](#)
- [power](#)
- [reverse](#)

This web service is using <http://tempuri.org/> as its default namespace.

Recommendation: Change the default namespace before the XML Web service is made public.

Each XML Web service needs a unique namespace in order for client applications to distinguish it from other services on the Web. <http://tempuri.org/> is available for XML Web services that are under development, but published XML Web services should use a more permanent namespace.

Your XML Web service should be identified by a namespace that you control. For example, you can use your company's Internet domain name as part of the namespace. Although many XML Web service namespaces look like URLs, they need not point to actual resources on the Web. (XML Web service namespaces are URIs.)

For XML Web services created using ASP.NET, the default namespace can be changed using the WebService attribute's Namespace property. The WebService attribute is an attribute applied to the class that contains the XML Web service methods. Below is a code example that sets the namespace to "http://microsoft.com/webservices/".

Steps:-

1. Create a new page
2. Open a new web service [CalcService.asmx](#) in web site
3. Write the web method coding in code file ([CalcService.asmx.cs](#)) of webservice
4. Below code has specified for web service
5. Add web reference of web service in web site
5. Call Webservice in web page by calling webmethod using Webservice class object

ASMX code of CalcService.asmx

```
<%@ WebService Language="C#"
CodeBehind="~/App_Code/CalcService.cs" Class="CalcService" %>
```

C# code File

```
[WebMethod]
public int Add(int a,int b)
{
    return (a + b);
}
```

```
[WebMethod]
public int Sub(int a, int b)
{
    return (a>b?a-b:b-a);
}
```

```
[WebMethod]
```

```

public int Mul(int a, int b)
{
    return (a *b);
}
[WebMethod]
public int Div(int a, int b)
{
    return (a / b);
}

[WebMethod]
public int Square(int a)
{
    return (a*a);
}

[WebMethod]
public int power(int a,int p)
{
    int rs = 1;
    for (int i = 0; i < p; i++)
    {
        rs *= a;
    }
    return rs;
}

[WebMethod]
public int reverse(int a)
{
    int rs = 0;
    int num;
    while (a > 0)
    {
        num = a % 10;
        rs = rs * 10 + num;
        a = a / 10;
    }
    return rs;
}

```

Using Service in web page

C# Code(Code Behind File)-

```

CalcService cs = new CalcService();
Response.Write(cs.Add(1,2));
Response.Write("<br/>");
Response.Write(cs.reverse(123456789));
Response.Write("<br/>");
Response.Write(cs.Sub(2,1));
Response.Write("<br/>");

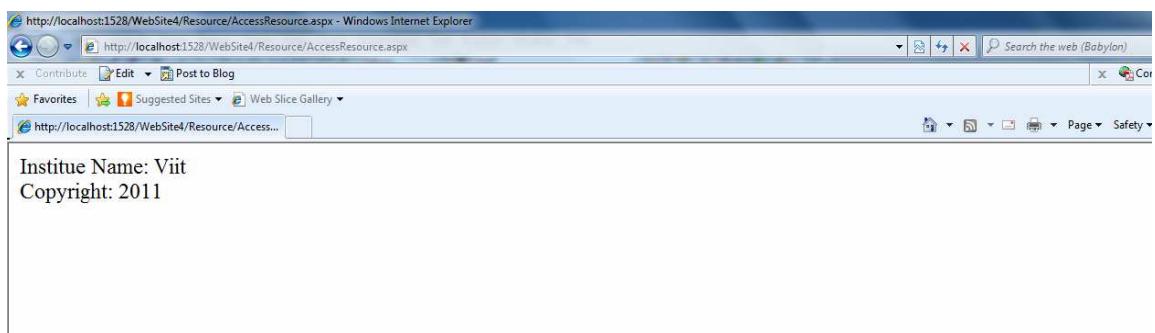
```

Response.Write(cs.Div(22,2));



Resource file

Aim: - To implement Resource file in a ASP.NET Website, which would serve as the central repository for all web pages



Resource File

Name	Value	Comment
Copyright	2011	
InstituteName	Viit	
*		

Steps:-

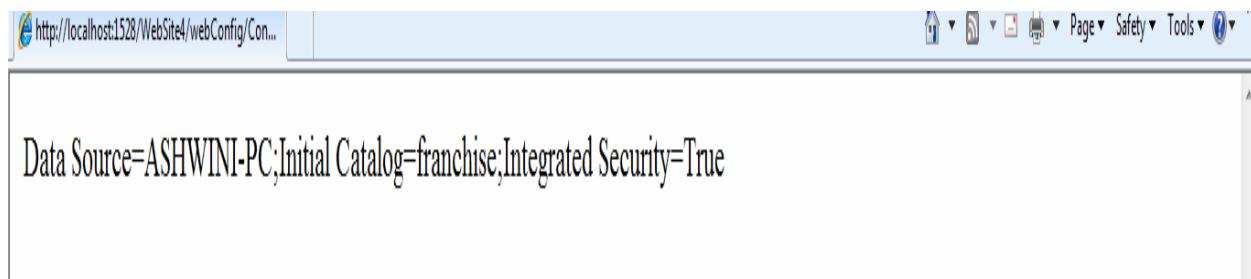
1. Right click on the solution of the website.
2. Add new item, select Resource file & click add.
3. Then in the design mode of the resource file , add desired name & corresponding value to it.
4. In your Default.aspx page , add two labels .
5. Do the following on the Default.aspx.cs page.

C# Code

```
protected void Page_Load(object sender, EventArgs e)
{
    lblCName.Text = Resources.Resource.InstituteName;
    lblCopyright.Text = Resources.Resource.Copyright;
}
```

Web config Connection string

Aim :- To understand the Web.config tags.



Steps:-

1. Add a web.config file to your website.
2. Do the following coing in it .

Web.config Code

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

<configuration>
  <appSettings>
    <add key="Copyright" value="2011"/>
  </appSettings>
  <connectionStrings>

    <add name="fConnectionString" connectionString="Data
Source=.\SQLEXPRESS;Initial Catalog=franchise;Integrated Security=True"
      providerName="System.Data.SqlClient" />
  </connectionStrings>
</configuration>
```

3. Now on the cs file do the following code.

C#code

```
Response.Write("CopyRight@"+
 ConfigurationManager.AppSettings.Get("Copyright"));

Response.Write(ConfigurationManager.ConnectionStrings["fConnectionString
 "].ConnectionString);
```

Ajax Introduction

Aim:-To implement a Web page using Ajax which show dynamic Date &Time Watch.



9/6/2011 10:44:02 AM

Steps to follow:-

1. Create a new web page in web site
2. Drop a **ScriptManager** on page
3. Drop an Update Panel from ajax extension from Toolbox
4. Drop a label on page (from tool box) and put in inside Update panel (from design mode)
5. Set DateTime.Now value in label text
6. Execute website by pressing F5 key

Aspx Code

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

<asp:UpdatePanel ID="UpdatePanel1" runat="server">
<ContentTemplate>
<asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
</ContentTemplate>
<Triggers>
<asp:AsyncPostBackTrigger ControlID="Timer1" />
</Triggers>
</asp:UpdatePanel>

<asp:Timer ID="Timer1" runat="server" Interval="500" ontick="Timer1_Tick">
</asp:Timer>
```

C# Code(Code Behind File)

```
protected void Timer1_Tick(object sender, EventArgs e)
{
    Label1.Text = DateTime.Now.ToString();
}
```

Ajax Control ToolKit

Aim:-To implement a webpage using Ajax tool kit which use Watermark extension in textbox



Steps to follow:-

1. Create a new web page in web site
2. Drop a **ScriptManager** on page
3. Drop a Textbox on page (from tool box) and click left corner of Textbox showing (>)button.
4. This will open a dialog box which showing available Ajax Extension for Control, select Watermark extension from there.
5. set watermark text from properties or by code
6. Execute website by pressing F5 key

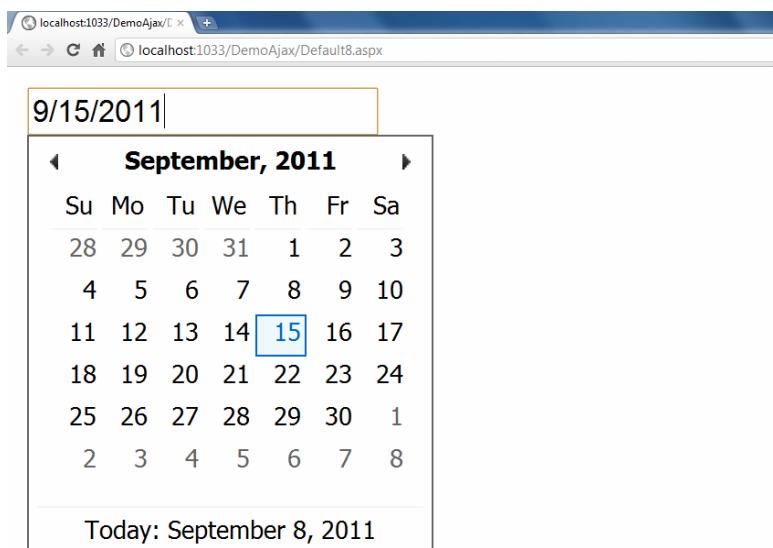
.aspx page code

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

<asp:TextBoxWatermarkExtender
ID="TextBox1_TextBoxWatermarkExtender" WatermarkText="name"
runat="server" Enabled="True" TargetControlID="TextBox1">
</asp:TextBoxWatermarkExtender>
```

Calender Extender Control

Aim:-To implement a webpage using Ajax tool kit which use CalendarExtender extension in textbox



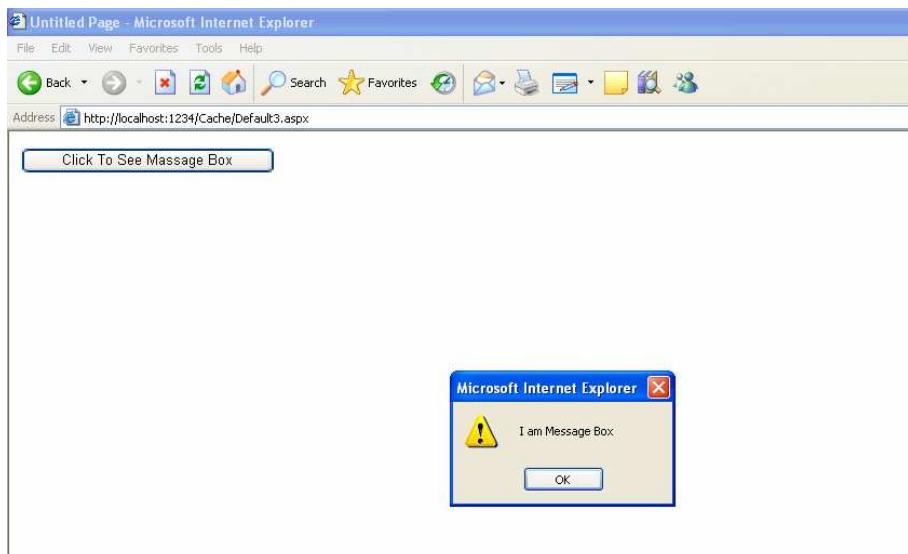
Steps to follow:-

- 1.Create a new web page in web site
- 2.Drop a **ScriptManager** on page
3. Drop a Textbox on page (from tool box) and click left corner of Textbox showing (>)button.
- 4.This will open a dialog box which showing available Ajax Extension for Control,select **CalendarExtender** extension from there.
- 5.Execute website by pressing F5 key

Aspx Code

```
<form id="form1" runat="server">
<asp:ScriptManager ID="ScriptManager1" runat="server">
</asp:ScriptManager>
<div>
</div>
<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
<asp:CalendarExtender ID="TextBox1_CalendarExtender" runat="server"
Enabled="True" TargetControlID="TextBox1">
</asp:CalendarExtender>
</form>
```

JavaScript Demo



Steps:-

1. Create a new .aspx page.
2. Drag a button from HTML controls on your web page.
3. Now, go to the source view and write the following code in <HEAD> tag.


```
<script type="text/javascript" language="javascript">
        function box()
        {
            alert('I am Message Box');
        }
    </script>
```
4. Go to the Design View, select the button and go to the properties panel, set the event OnClientClick to the function name in Javascript you created.

Code:

```
<%@ Page Language="C#" AutoEventWireup="true"
CodeFile="Default3.aspx.cs" Inherits="Default3" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>Untitled Page</title>
    <script type="text/javascript" language="javascript">
        function box()
        {
            alert('I am Message Box');
        }
    </script>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Button ID="Button1" runat="server"
                OnClick="Button1_Click" Text="Click To See Message Box"
                OnClientClick="box()" /></div>
        </form>
    </body>
</html>
```



3 Tier Architecture

Coding Of Business Layer :-
using System;

```

using System.Collections.Generic;
using System.Text;
using System.Data;

namespace DBLayer
{
    public class BusinessLayer
    {
        DataLayer dl = new DataLayer();

        private int _id;
        private string _name;
        private string _dept;
        private float _sal;
        private string _pass;
        string s;

        public int id
        {
            set { _id = value; }
            get { return _id; }
        }
        public string name
        {
            set { _name = value; }
            get { return _name; }
        }
        public string dept
        {
            set { _dept = value; }
            get { return _dept; }
        }
        public float sal
        {
            set { _sal = value; }
            get { return _sal; }
        }
        public string pass
        {
            set { _pass = value; }
            get { return _pass; }
        }
        public void insert_data()
        {
            s = "insert into emp values(" + id + "','" + name + "','" +
+ dept + "','" + sal + "','" + pass + "')";
            dl.setdata(s);
        }
        public void delete_data()
        {
            s = "delete from emp where eid=" + id;
            dl.setdata(s);
        }
        public void update_data()
        {
            s = "update emp set ename='" + name + "', esal=" + sal +
", edept='" + dept + "' where eid=" + id;
            dl.setdata(s);
        }
        public void change_password()
        {
    
```

```

        s = "update emp set pwd=' " + pass + "' where eid=" + id;
        dl.setdata(s);
    }
    public bool check()
    {
        DataSet ds = new DataSet();
        s = "select * from emp where eid=" + id + " and pwd=' " +
pass + "'";
        ds=dl.getdata(s);

        if (ds.Tables[0].Rows.Count == 0)
            return false;
        else
            return true;
    }
    public int getid()
    {
        DataSet ds = new DataSet();
        s = "select eid from emp order by eid desc";
        ds = dl.getdata(s);
        if (ds.Tables[0].Rows.Count == 0)
            return (10001);
        else
            return
(Convert.ToInt32(ds.Tables[0].Rows[0][0].ToString())+1);
    }
    public DataSet getrecord()
    {
        DataSet ds = new DataSet();
        s = "select *from emp where eid=" + id;
        ds = dl.getdata(s);
        return ds;
    }
}

```

Coding of Data Layer :-

```

using System;
using System.Collections.Generic;
using System.Text;
using System.Data.SqlClient;
using System.Data;

namespace DBLayer
{
    public class DataLayer
    {
        SqlConnection con;
        SqlCommand cmd;
        SqlDataAdapter da;

        public DataLayer()
        {

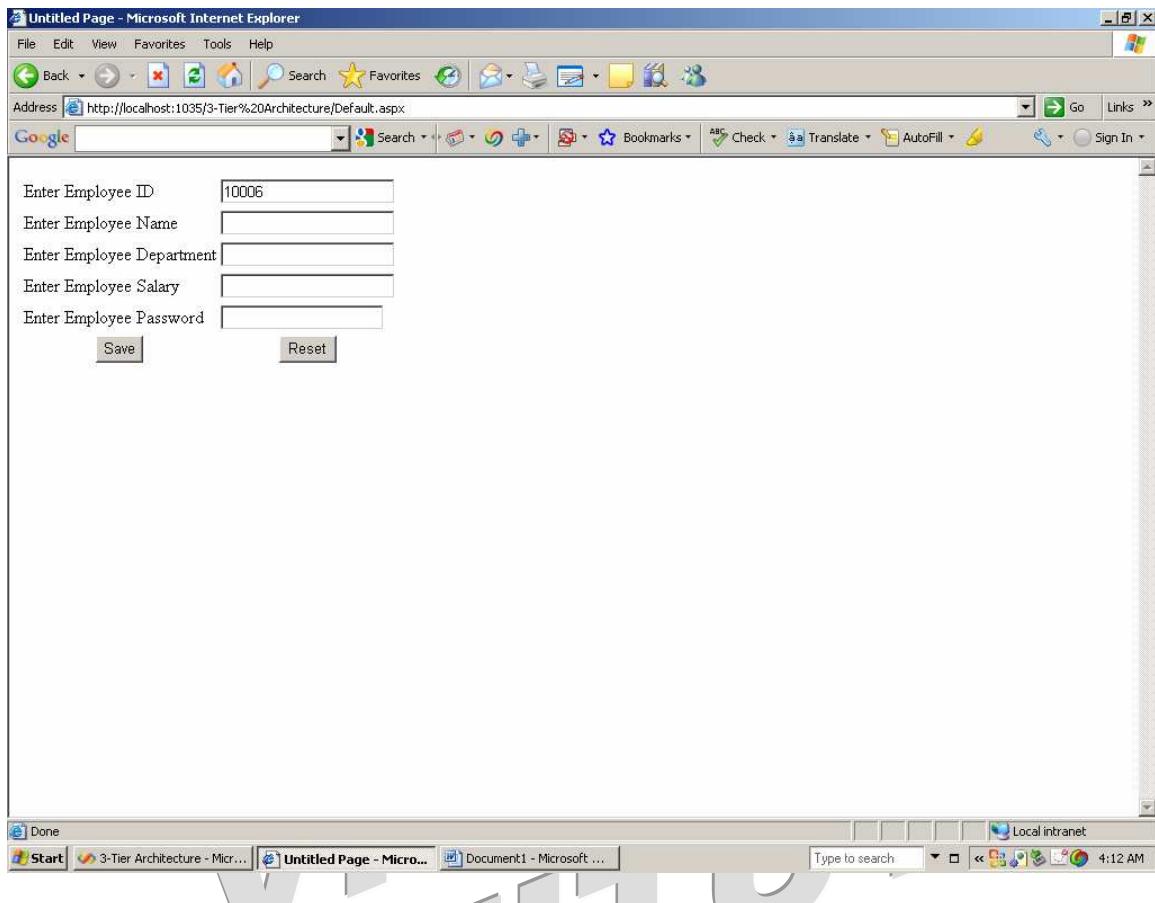
```

```
        con = new SqlConnection("Data Source=VIDHYA-
ECF9EAAB\\SQLEXPRESS;Initial Catalog=employee;Integrated
Security=True");
        con.Open();
    }

    public int setdata(string s)
    {
        int t;
        cmd = new SqlCommand(s, con);
        t=cmd.ExecuteNonQuery();
        return t;
    }
    public DataSet getdata(string s)
    {
        DataSet ds = new DataSet();
        da = new SqlDataAdapter(s, con);
        da.Fill(ds);
        return ds;
    }
}
```



Default.aspx:-



```

<%@ Page Language="C#" AutoEventWireup="true"
CodeFile="Default.aspx.cs" Inherits="_Default"
%>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>Untitled Page</title>
</head>
<body>
    <form id="form1" runat="server">
        <table>
            <tr>
                <td>Enter Employee ID</td>

```

```

        <td><asp:TextBox ID="txteid" runat
= "server"></asp:TextBox> </td>
    </tr>
    <tr>
        <td>Enter Employee Name</td>
        <td><asp:TextBox ID="txtename"
runat = "server"></asp:TextBox> </td>
    </tr>
    <tr>
        <td>Enter Employee Department</td>
        <td><asp:TextBox ID="txteddept"
runat = "server"></asp:TextBox> </td>
    </tr>
    <tr>
        <td>Enter Employee Salary</td>
        <td><asp:TextBox ID="txtesal"
runat = "server"></asp:TextBox> </td>
    </tr>
    <tr>
        <td>Enter Employee Password</td>
        <td><asp:TextBox ID="txtepass"
runat = "server"
TextMode="Password"></asp:TextBox> </td>
    </tr>
    <tr>
        <td style="text-align:
center"><asp:Button ID="btn_save" runat
= "Server" Text = "Save"
OnClick="btn_save_Click" /></td>
        <td style="text-align:
center"><asp:Button ID="btn_reset" runat
= "Server" Text = "Reset"
OnClick="btn_reset_Click" /></td>
    </tr>
</table>
</form>
</body>
</html>

```

Class declaration :-

```
BusinessLayer bl = new BusinessLayer();
```

Coding on page Load :-

```
protected void Page_Load(object sender,
EventArgs e)
{
    txteid.Text = Convert.ToString
(bl.getid());
}
```

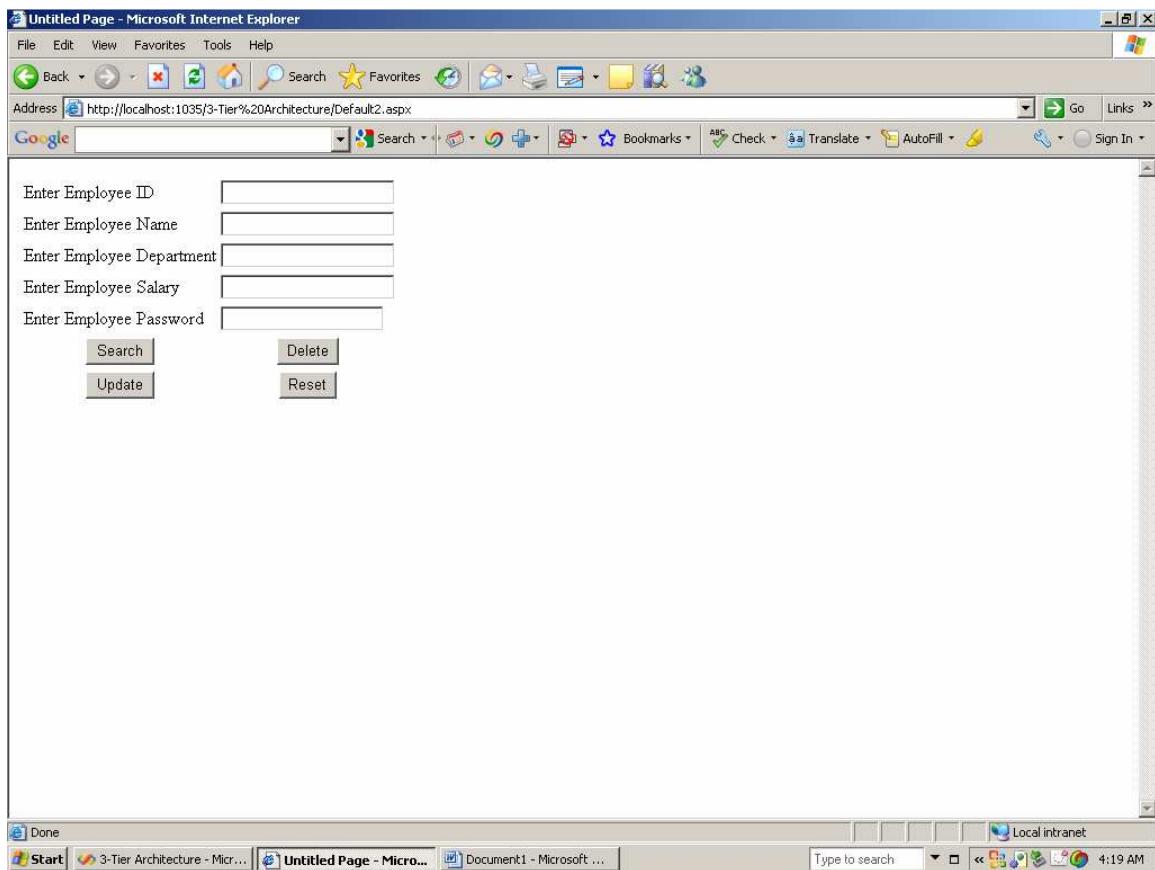
Coding on Button Save

```
protected void btn_save_Click(object
sender, EventArgs e)
{
    bl.id = Convert.ToInt32(txteid.Text);
    bl.name = txtename.Text;
    bl.dept = txtedepth.Text;
    bl.sal = Convert.ToSingle
(txtsal.Text);
    bl.pass = txtepss.Text;
    bl.insert_data();
    txteid.Text =
Convert.ToString(bl.getid());
    txtename.Text = "";
    txtsal.Text = "";
    txtedepth.Text = "";
    txtepss.Text = "";
}
```

Coding On Reset Button :-

```
protected void btn_reset_Click(object
sender, EventArgs e)
{
    txteid.Text =
Convert.ToString(bl.getid());
    txtename.Text = "";
    txtsal.Text = "";
    txtedepth.Text = "";
    txtepss.Text = "";
}
```

Coding of default2.aspx :-



```

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

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">

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

```

```

        <td>Enter Employee ID</td>
        <td><asp:TextBox ID="txteid" runat
="server"></asp:TextBox> </td>
        </tr>
        <tr>
            <td>Enter Employee Name</td>
            <td><asp:TextBox ID="txtename"
runat ="server"></asp:TextBox> </td>
            </tr>
            <tr>
                <td>Enter Employee Department</td>
                <td><asp:TextBox ID="txtedept"
runat ="server"></asp:TextBox> </td>
                </tr>
                <tr>
                    <td>Enter Employee Salary</td>
                    <td><asp:TextBox ID="txtesal"
runat ="server"></asp:TextBox> </td>
                    </tr>
                    <tr>
                        <td>Enter Employee Password</td>
                        <td><asp:TextBox ID="txtepass"
runat ="server"
TextMode="Password"></asp:TextBox> </td>
                        </tr>
                        <tr>
                            <td style="text-align: center;
height: 26px;">
                                <asp:Button ID="btn_search"
runat="server" OnClick="btn_search_Click"
Text="Search" /></td>
                            <td style="text-align: center;
height: 26px;"><asp:Button ID="btn_delete"
runat ="Server" Text ="Delete"
OnClick="btn_delete_Click" /></td>
                            </tr>
                            <tr>
                                <td style="height: 26px; text-
align: center">

```

```

        <asp:Button ID="Button1"
runat="server" Text="Update"
OnClick="Button1_Click" /></td>
    <td style="height: 26px; text-
align: center">
        <asp:Button ID="Button2"
runat="server" Text="Reset"
OnClick="Button2_Click" /></td>
    </tr>
</table>
</div>
</form>
</body>
</html>

```

Class declaration :-

```

BusinessLayer bl = new BusinessLayer();
Coding search Button :-
protected void btn_search_Click(object sender,
EventArgs e)
{
    bl.id = Convert.ToInt32(txteid.Text);
    DataSet ds = new DataSet();
    ds = bl.getrecord();
    if (ds.Tables [0].Rows.Count ==0)
        Page.ClientScript
.RegisterStartupScript (this.GetType
(),"ClientScript","alert('Record Not
Found')",true);
    else
    {
        txtename.Text =
ds.Tables[0].Rows[0][1].ToString();
        txtedept.Text =
ds.Tables[0].Rows[0][2].ToString();
        txtesal.Text =
ds.Tables[0].Rows[0][3].ToString();
        txtepass.Text =
ds.Tables[0].Rows[0][4].ToString();
    }
}

```

```
}
```

Coding on delete Button :-

```
protected void btn_delete_Click(object sender,
EventArgs e)
{
    bl.id = Convert.ToInt32(txteid.Text);
    bl.delete_data();
    cleardata();
}
```

Codin On reset Button :-

```
void cleardata()
{
    txteid.Text = " ";
    txtename.Text = " ";
    txtesal.Text = " ";
    txtdept.Text = " ";
    txteid.Focus();
```

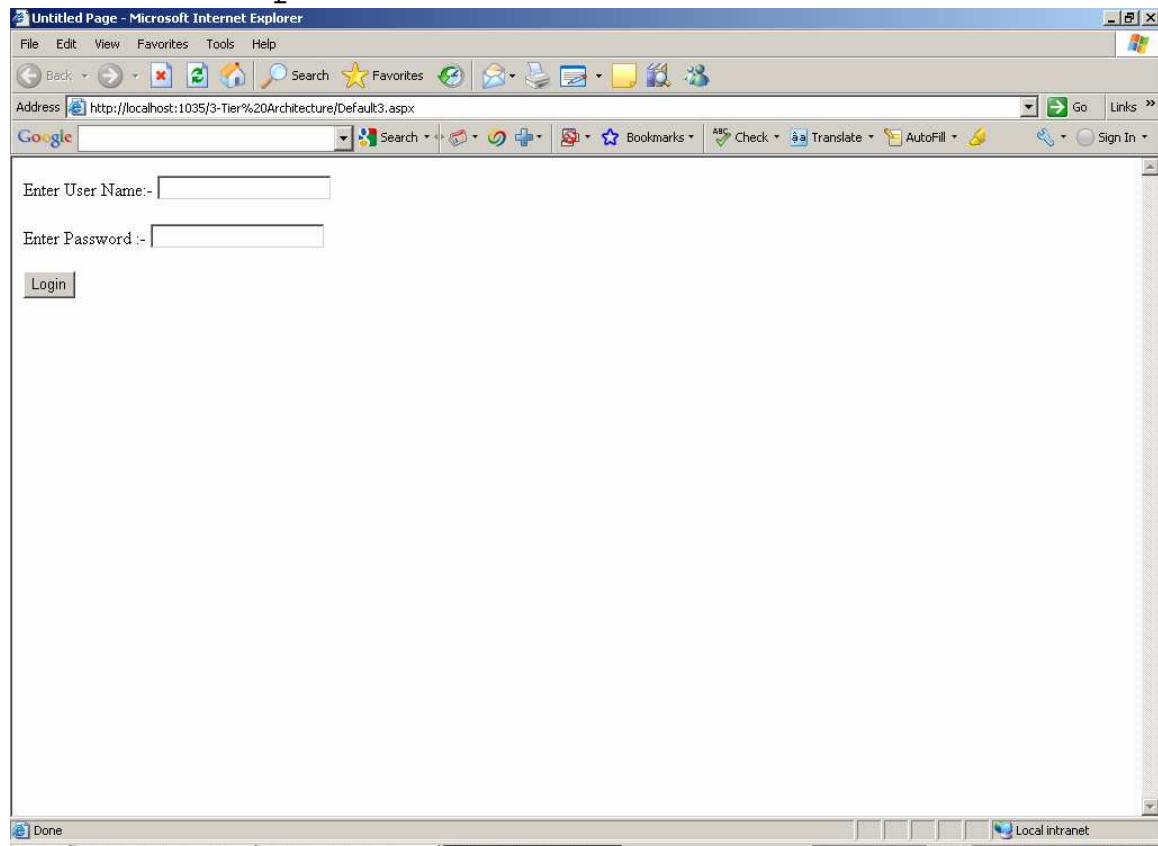
```
}
```

```
protected void Button2_Click(object sender,
EventArgs e)
{
    cleardata();
}
```

Coding on Update Button :-

```
protected void Button1_Click(object sender,
EventArgs e)
{
    bl.id = Convert.ToInt32(txteid.Text);
    bl.name = txtename.Text;
    bl.dept = txtdept.Text;
    bl.sal = Convert.ToSingle
(txtesal.Text);
    bl.pass = txtepss.Text;
    bl.update_data();
    cleardata();
}
```

Default3.aspx



```

<%@ Page Language="C#" AutoEventWireup="true"
CodeFile="Default3.aspx.cs"
Inherits="Default3" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <title>Untitled Page</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Label ID="Label2" runat="server"
Text="Enter User Name:-"></asp:Label>
            <asp:TextBox ID="TextBox1"
runat="server"></asp:TextBox><br />
            <br />

```

```

<asp:Label ID="Label3" runat="server"
Text="Enter Password :-"></asp:Label>
    <asp:TextBox ID="TextBox2"
runat="server"></asp:TextBox><br />
    <br />
    <asp:Button ID="Button1"
runat="server" OnClick="Button1_Click"
Text="Login" /><br />
    <br />
    <asp:Label ID="Label1"
runat="server"></asp:Label>&nbsp;</div>
</form>
</body>
</html>
Class Declaration :-
BusinessLayer bl = new BusinessLayer();

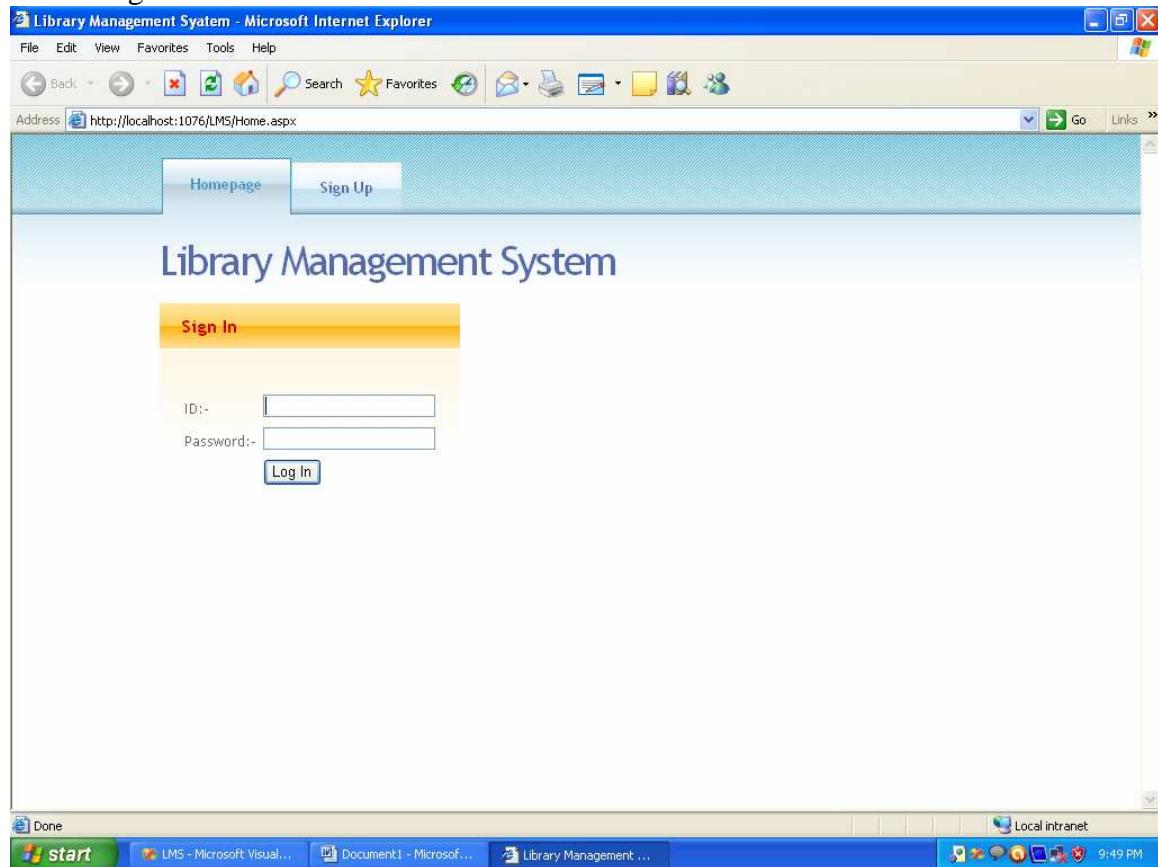
On Button Click :-
protected void Button1_Click(object sender,
EventArgs e)
{
    bl.id = Convert.ToInt32
(TextBox1.Text);
    bl.pass = TextBox2.Text;
    if (bl.check() == true)
        Label1.Text = "Login
Successfully";
    else
        Label1.Text = "Access Denied";

}

```

PROJECT :- Library Management System

Home Page



ASPX Code

```

<%@ Page Language="C#" MasterPageFile="~/MasterPage.master"
AutoEventWireup="true"
CodeFile="Home.aspx.cs" Inherits="Home" Title="Library Management
System" %>

<asp:Content ID="Content1" ContentPlaceHolderID="ContentPlaceHolder1"
runat="Server">
    <div id="content">
        <div id="sidebar" style="width: 267px">
            <div id="login" class="boxed">
                <h2 class="title">
                    Sign In</h2>
                <div class="content">
                    <fieldset>
                        <br />
                        <table>
                            <tr>
                                <td style="width: 100px">
                                    <asp:Label ID="Label1" runat="server"
Text="ID:- "></asp:Label></td>
                                <td style="width: 100px">
                                    <asp:TextBox ID="TextBox1"
runat="server"></asp:TextBox></td>
                            </tr>
                            <tr>
                                <td style="width: 100px">

```

```

        <asp:Label ID="Label2" runat="server"
Text="Password:-"></asp:Label></td>
        <td style="width: 100px">
            <asp:TextBox ID="TextBox2" runat="server"
TextMode="password" Width="149px"></asp:TextBox></td>
        </tr>
        <tr>
            <td style="width: 100px">
            </td>
            <td style="width: 100px">
                <asp:Button ID="Button1" runat="server"
Text="Log In" OnClick="Button1_Click" /></td>
            </tr>
        </table>
        <br />
        <asp:Label ID="Label3" runat="server"
ForeColor="Red" Text="Login Failed" Visible="False"
Width="220px"></asp:Label><br />
        &nbsp; &nbsp;&nbsp;
    </fieldset>
</div>
</div>
</div>
</div>
</asp:Content>

```

ASPX CODE :-

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

public partial class Home : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        Label3.Visible = false;
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        if (TextBox1.Text == "admin" && TextBox2.Text == "admin")
        {
            Session["admin"] = "admin";
            Response.Redirect("AdminHome.aspx");
        }
        else
        {
            SqlConnection con = new SqlConnection("Data
Source=.\\SQLEXPRESS;Initial Catalog=Library;Integrated
Security=true");
            SqlCommand cmd;
            SqlDataAdapter sd = new SqlDataAdapter();

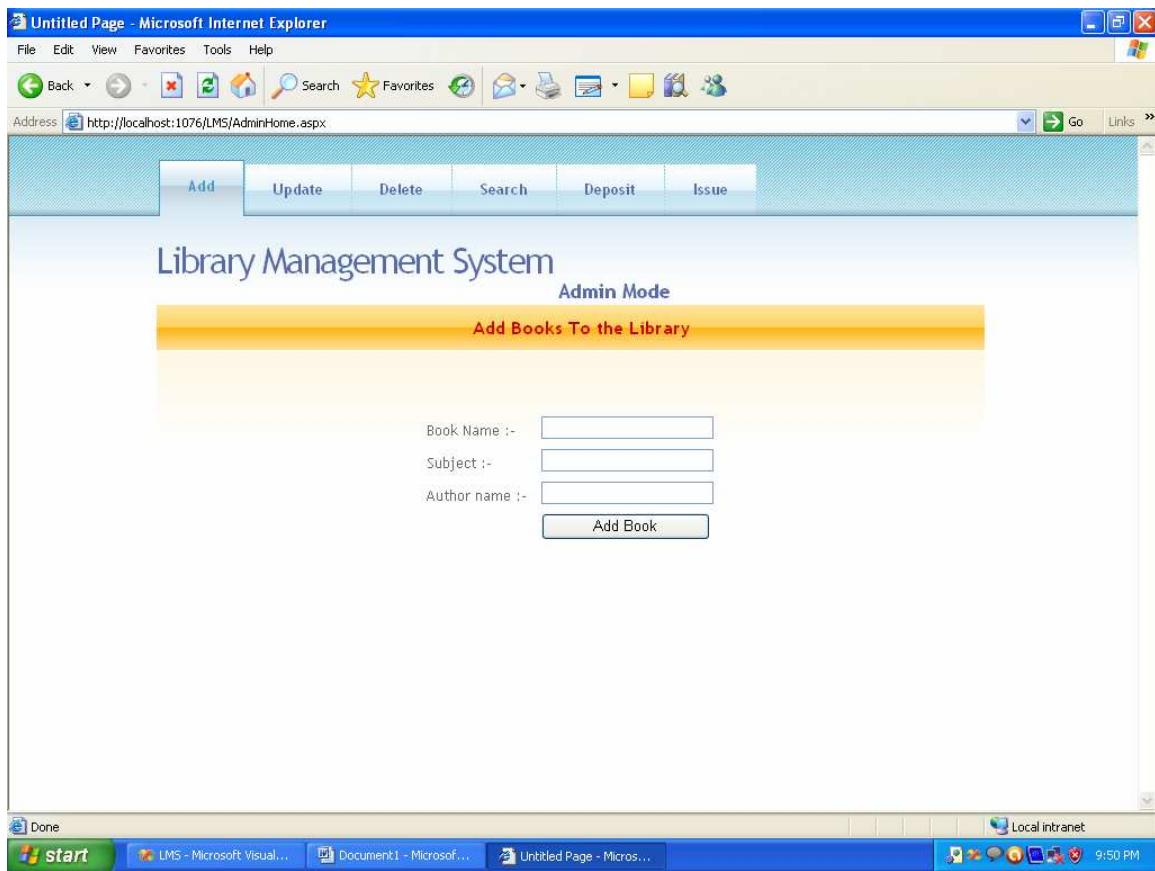
```

```
        string qry = "select * from studentdata where sid=" +
TextBox1.Text+"and spass='"+TextBox2.Text+"' ";
cmd = new SqlCommand(qry, con);
sd.SelectCommand = cmd;
DataSet ds = new DataSet();
sd.Fill(ds);
if (ds.Tables[0].Rows.Count == 0)
{
    Label3.Visible = true;
}
else
{
    Session["student"] = TextBox1.Text;

    Response.Redirect("StudentHome.aspx");
}
}
}
}
}
```



ADMIN HOME PAGE AFTER LOGIN :-



ASPX CODE :-

```

<%@ Page Language="C#" MasterPageFile="~/Admin.master"
AutoEventWireup="true" CodeFile="AdminHome.aspx.cs"
Inherits="AdminHome" Title="Untitled Page" %>
<asp:Content ID="Content1" ContentPlaceHolderID="ContentPlaceHolder1"
Runat="Server">
<div id="content">
    <div id="sidebar1" style="width: 736px">
        <div id="login" class="boxed">
            <h2 class="title" align="center">Add Books To the
            Library</h2>
            <div class="content">
                <fieldset>
                    <br />
                    <br />
                    <table align="center">
                        <tr>
                            <td style="width: 100px">
                                Book Name :-
                            </td>
                            <td style="width: 100px">
                                <asp:TextBox ID="TextBox1"
runat="server"></asp:TextBox></td>
                            </tr>
                            <tr>
                                <td style="width: 100px; height:
18px;">
                                    Subject :-
                                </td>
                                <td style="width: 100px; height:
18px;">
                                    <asp:TextBox ID="TextBox2"
runat="server"></asp:TextBox></td>
                            </tr>
                        </table>
                </div>
            </div>
        </div>
    </div>
</div>

```

```

        </tr>
        <tr>
            <td style="width: 100px">
                Author name :-</td>
            <td style="width: 100px">
                <asp:TextBox ID="TextBox3"
runat="server"></asp:TextBox></td>
            </tr>
            <tr>
                <td style="width: 100px">
                </td>
                <td style="width: 100px">
                    <asp:Button ID="Button1"
runat="server" OnClick="Button1_Click" Text="Add Book" Width="150px"
/></td>
                </tr>
            </table>
            <br />
            <br />
            <br />
            <br />
        </fieldset>
    </div>
</div>
</div>
</asp:Content>

```

ASPX CODE :-

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

public partial class AdminHome : System.Web.UI.Page
{
    SqlConnection con = new SqlConnection("Data
Source=.\SQLEXPRESS;Initial Catalog=Library;Integrated
Security=true");
    SqlCommand cmd;

    protected void Page_Load(object sender, EventArgs e)
    {
        con.Open();
    }
    protected void Button1_Click(object sender, EventArgs e)
    {

```

```

        string qry = "insert into data values('" + TextBox1.Text +
"', '" + TextBox2.Text + "', 'f', '" + TextBox3.Text + "')";
        cmd = new SqlCommand(qry, con);
        cmd.ExecuteNonQuery();
        con.Close();
        TextBox1.Text = "";
        TextBox2.Text = "";
        TextBox3.Text = "";
        TextBox1.Focus();
    }
}

```

UPDATE BOOKS :-

	ID	Book Name	Book Subject	Book Author	Book Status
Edit	1	Let Us C	C Language	Ajay Soni	t
Edit	2	Let Us C++	C++ Language	Harish	f
Edit	4	ASP.NET	.NET	Harish	f
Edit	5	java	java	ajay	t

ASPX CODE :-

```

<%@ Page Language="C#" MasterPageFile="~/Admin.master"
AutoEventWireup="true" CodeFile="UpdateBook.aspx.cs"
Inherits="UpdateBook" Title="Untitled Page" %>
<asp:Content ID="Content1" ContentPlaceHolderID="ContentPlaceHolder1"
Runat="Server">

<div id="content">
    <div id="sidebar1" style="width: 736px">
        <div id="login" class="boxed">
            <h2 class="title" align="center">
                Update Books In the Library</h2>
            <div class="content">
                <fieldset>
                    <span style="font-size: 14pt"><strong><em>The
Following are the Books in the Library
:</em></strong></span><br />

```

```

<br />
<div style="text-align: center">
    <table>
        <tr>
            <td style="width: 100px">
                <asp:GridView ID="GridView1"
runat="server" AllowPaging="True" AutoGenerateColumns="False"

AutoGenerateEditButton="True"
OnPageIndexChanged="GridView1_PageIndexChanged"

OnPageIndexChanging="GridView1_PageIndexChanging"
OnRowCancelingEdit="GridView1_RowCancelingEdit"

OnRowEditing="GridView1_RowEditing"
OnRowUpdated="GridView1_RowUpdated"
OnRowUpdating="GridView1_RowUpdating"

Width="650px">

HeaderText="ID">
    runat="Server" Text='<%# Eval("bid") %>'></asp:Label>
HeaderText="Book Name">
    ID="name" runat="server" Text='<%# Eval("bname") %>'></asp:TextBox>
HeaderText="Book Subject">
    runat="server" Text='<%# Eval("bsubject") %>'></asp:TextBox>
HeaderText="Book Author">
    runat="server" Text='<%# Eval("bauthr") %>'></asp:TextBox>
    PageSize="5"
<Columns>
<asp:TemplateField

<ItemTemplate>
<%# Eval("bid") %>
</ItemTemplate>
<EditItemTemplate>
<asp:Label ID="id"
/><asp:Label>
</EditItemTemplate>
</asp:TemplateField >
<asp:TemplateField

<ItemTemplate>
<%# Eval("bname") %>
</ItemTemplate>
<EditItemTemplate>
<asp:TextBox
/></asp:TextBox>
</EditItemTemplate>
</asp:TemplateField>
<asp:TemplateField

<ItemTemplate>
<%# Eval("bsubject") %>
</ItemTemplate>
<EditItemTemplate>
<asp:TextBox ID="pass"
/></asp:TextBox>
</EditItemTemplate>
</asp:TemplateField>
<asp:TemplateField

<ItemTemplate>
<%# Eval("bauthr") %>
</ItemTemplate>
<EditItemTemplate>
<asp:TextBox ID="athr"
/></asp:TextBox>
</EditItemTemplate>
</asp:TemplateField>

```

```

HeaderText="Book Status">
    <asp:TemplateField
        HeaderText="Book Status">
        <ItemTemplate>
            <%# Eval("bstatus") %>
        </ItemTemplate>
        <EditItemTemplate>
            <asp:TextBox ID="sts" runat="server" Text='<%# Eval("bstatus") %>'></asp:TextBox>
        </EditItemTemplate>
    </asp:TemplateField>
</Columns>
</asp:GridView>
</td>
</tr>
</table>
</div>
<br />
<br />
</fieldset>
</div>
</div>
</div>
</div>
</asp:Content>

```

ASPX CODE :-

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

public partial class UpdateBook : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!Page.IsPostBack)
        {
            Bind();
        }
    }
    void Bind()
    {
        SqlConnection con = new SqlConnection("Data
Source=.\SQLEXPRESS;Initial Catalog=Library;Integrated
Security=true");
        SqlDataAdapter sd = new SqlDataAdapter();
        SqlCommand cmd = new SqlCommand("select * from data", con);
        sd.SelectCommand = cmd;
        DataSet ds = new DataSet();
    }
}

```

```

        sd.Fill(ds);
        GridView1.DataSource = ds.Tables[0];
        GridView1.DataBind();
    }

    protected void GridView1_RowUpdating(object sender,
    GridViewUpdateEventArgs e)
    {
        GridViewRow row = (GridViewRow)GridView1.Rows[e.RowIndex];
        Label l1 = (Label)row.FindControl("id");
        TextBox t1 = (TextBox)row.FindControl("name");
        TextBox t2 = (TextBox)row.FindControl("pass");
        TextBox t3 = (TextBox)row.FindControl("athr");
        TextBox t4 = (TextBox)row.FindControl("sts");

        SqlConnection con = new SqlConnection("Data
Source=.\SQLEXPRESS;Initial Catalog=Library;Integrated
Security=true");
        SqlCommand cmd = new SqlCommand("Update data set bname=' " +
t1.Text + " ',bsubject=' " + t2.Text + " ',bauthr=' " + t3.Text + "
' ,bstatus=' " + t4.Text + " ' where bid=" + l1.Text, con);
        con.Open();
        cmd.ExecuteNonQuery();
        con.Close();
        GridView1.EditIndex = -1;
        Bind();
    }
    protected void GridView1_RowUpdated(object sender,
    GridViewUpdatedEventArgs e)
    {
        GridView1.EditIndex = -1;
        Bind();
    }
    protected void GridView1_RowEditing(object sender,
    GridViewEditEventArgs e)
    {
        GridView1.EditIndex = e.NewEditIndex;
        Bind();
    }
    protected void GridView1_RowCancelingEdit(object sender,
    GridViewCancelEditEventArgs e)
    {
        GridView1.EditIndex = -1;
        Bind();

    }
    protected void GridView1_PageIndexChanged(object sender,
    GridViewPageEventArgs e)
    {
        Bind();
    }
    protected void GridView1_PageIndexChanged(object sender,
    EventArgs e)
    {
        GridView1.EditIndex = -1;
        Bind();
    }

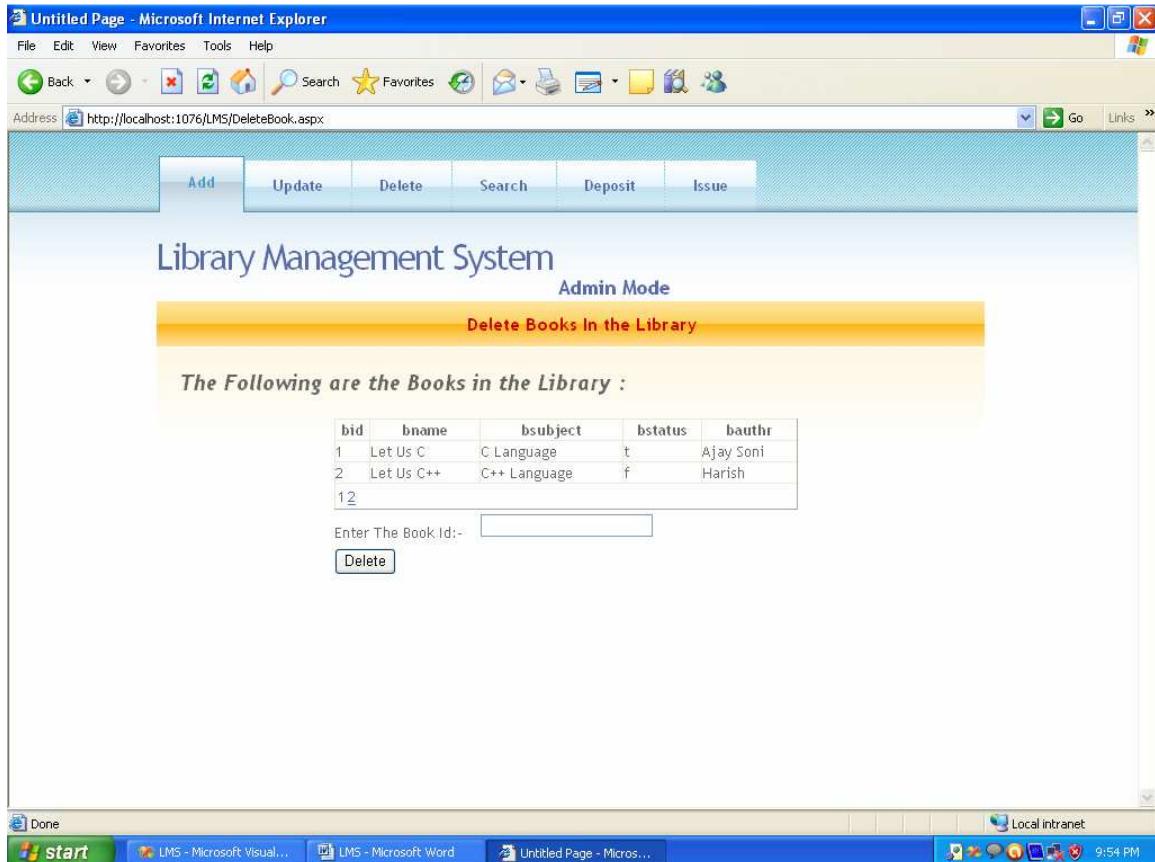
```

```

    }
}

```

DELETE BOOKS



ASPX CODE :-

```

<%@ Page Language="C#" MasterPageFile("~/Admin.master"
AutoEventWireup="true" CodeFile="DeleteBook.aspx.cs"
Inherits="DeleteBook" Title="Untitled Page" %>
<asp:Content ID="Content1" ContentPlaceHolderID="ContentPlaceHolder1"
Runat="Server">
<div id="content">
    <div id="sidebar1" style="width: 736px">
        <div id="login" class="boxed">
            <h2 class="title" align="center">
                Delete Books In the Library</h2>
            <div class="content">
                <span style="font-size: 14pt"><strong><em>The
                Following are the Books in the Library
                </em></strong></span><br />
                </span>
            </div>
        </div>
    </div>
    <table align="center" style="width: 424px">
        <tr>
            <td style="width: 133px" >
                <asp:GridView ID="GridView1"
runat="server" AllowPaging="True" AutoGenerateColumns="False"
                    DataSourceID="SqlDataSource1"
                    OnPageIndexChanged="GridView1_PageIndexChanged"

```

```

OnPageIndexChanging="GridView1_PageIndexChanging" PageSize="2"
Width="412px">
    <Columns>
        <asp:BoundField DataField="bid"
HeaderText="bid" InsertVisible="False" ReadOnly="True"
SortExpression="bid" />
        <asp:BoundField DataField="bname"
HeaderText="bname" SortExpression="bname" />
        <asp:BoundField
DataField="bsubject" HeaderText="bsubject" SortExpression="bsubject"
/>
        <asp:BoundField
DataField="bstatus" HeaderText="bstatus" SortExpression="bstatus" />
        <asp:BoundField
DataField="bauthr" HeaderText="bauthr" SortExpression="bauthr" />
    </Columns>
</asp:GridView>
<asp:SqlDataSource ID="SqlDataSource1"
runat="server" ConnectionString="Data Source=VIDHYA-
8AFDE8F3\SQLEXPRESS;Initial Catalog=Library;Integrated Security=True"
ProviderName="System.Data.SqlClient"
SelectCommand="SELECT * FROM [data]"></asp:SqlDataSource>
</td>
</tr>
<tr>
<td style="width: 500px; height: 30px;">
Enter The Book Id:- &ampnbsp&ampnbsp
<asp:TextBox ID="TextBox1"
runat="server"></asp:TextBox></td>
</tr>
<tr>
<td style="width: 133px">
<asp:Button ID="Button1" runat="server"
OnClick="Button1_Click" Text="Delete" /></td>
</tr>
</table>
</div>
</div>
</div>

<br />
</asp:Content>

```

ASPX CODE :-

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;

```

```
using System.Data.SqlClient;

public partial class DeleteBook : System.Web.UI.Page
{
    SqlConnection con = new SqlConnection("Data
Source=.\SQLEXPRESS;Initial Catalog=Library;Integrated
Security=true");
    SqlCommand cmd;

    protected void Page_Load(object sender, EventArgs e)
    {
        con.Open();
    }
    protected void GridView1_PageIndexChanged(object sender,
EventArgs e)
    {

    }
    protected void GridView1_PageIndexChanging(object sender,
GridViewPageEventArgs e)
    {
        GridView1.EditIndex = e.NewPageIndex;
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        string qry = "delete from data where bid=" + TextBox1.Text;
        cmd = new SqlCommand(qry, con);
        cmd.ExecuteNonQuery();
        con.Close();
    }
}
```

SEARCH FOR BOOKS:-

The screenshot shows a Microsoft Internet Explorer window displaying a library management system. The title bar reads "Untitled Page - Microsoft Internet Explorer". The address bar shows the URL "http://localhost:1076/LMS/SearchBook.aspx". The page header includes "Admin Mode" and "Search Books in Library". Below this, a message says "The Following are the Books in the Library:". A search form has a text input field "Enter The Book Name" and a button "Search". A table displays book data with columns: ID, Book Name, Book Subject, Book Author, and Book Status. The data is as follows:

ID	Book Name	Book Subject	Book Author	Book Status
1	Let Us C	C Language	Ajay Soni	t
2	Let Us C++	C++ Language	Harish	f
4	ASP.NET	.NET	Harish	f
5	java	java	ajay	t

ASPX CODE :-

```

<%@ Page Language="C#" MasterPageFile="~/Admin.master"
AutoEventWireup="true" CodeFile="SearchBook.aspx.cs"
Inherits="SearchBook" Title="Untitled Page" %>
<asp:Content ID="Content1" ContentPlaceHolderID="ContentPlaceHolder1"
Runat="Server">
<div id="content">
    <div id="sidebar1" style="width: 736px">
        <div id="login" class="boxed">
            <h2 class="title" align="center">
                Search Books in Library
            </h2>
            <div class="content">
                <fieldset>
                    <span style="font-size: 14pt"><strong><em>The
                    Following are the Books in the Library
                    :</em></strong></span></fieldset>
                    <br />
                    <div style="text-align: center">
                        <table>
                            <tr>
                                <td style="width: 171px">
                                    Enter The Book Name</td>
                                <td style="width: 100px">
                                    <asp:TextBox ID="TextBox1"
runat="server"></asp:TextBox></td>
                                <td style="width: 100px">
                                    <asp:Button ID="Button1"
runat="server" OnClick="Button1_Click" Text="Search" /></td>
                                </tr>
                            </table>
                        </div>
                    <br />
                </div>
            </div>
        </div>
    </div>
</div>

```

```


|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <asp:gridview autogeneratecolumns="False" id="GridView1" runat="server" width="540px"> <columns> <asp:templatefield headertext="ID"> &lt;ItemTemplate&gt; &lt;a href= "BookDetails.aspx?id=&lt;%# Eval("bid") %&gt;&amp;status=&lt;%# Eval("bstatus") %&gt;"&gt;&lt;%# Eval("bid") %&gt;&lt;/a&gt; &lt;/ItemTemplate&gt; &lt;/asp:TemplateField &gt; <asp:templatefield headertext="Book Name"> &lt;ItemTemplate&gt; &lt;%# Eval("bname") %&gt; &lt;/ItemTemplate&gt; &lt;/asp:TemplateField&gt; <asp:templatefield headertext="Book Subject"> &lt;ItemTemplate&gt; &lt;%# Eval("bsubject") %&gt; &lt;/ItemTemplate&gt; &lt;/asp:TemplateField&gt; <asp:templatefield headertext="Book Author"> &lt;ItemTemplate&gt; &lt;%# Eval("bauthr") %&gt; &lt;/ItemTemplate&gt; &lt;/asp:TemplateField&gt; <asp:templatefield headertext="Book Status"> &lt;ItemTemplate&gt; &lt;%# Eval("bstatus") %&gt; &lt;/ItemTemplate&gt; &lt;/asp:TemplateField&gt; </asp:templatefield> </asp:templatefield></asp:templatefield></asp:templatefield></asp:templatefield></columns> </asp:gridview> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|


```

ASPX CODE :-

```

using System;
using System.Data;
using System.Configuration;

```

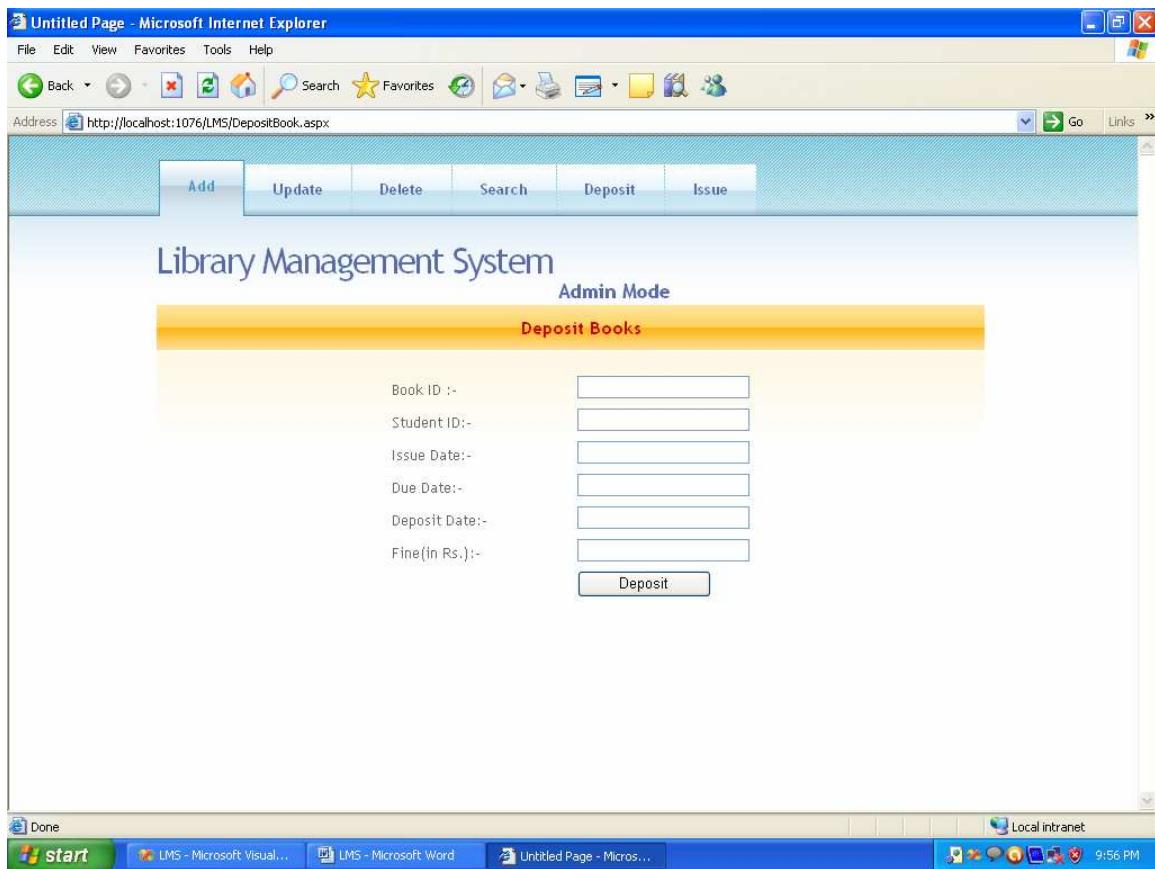
```

using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

public partial class SearchBook : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        Bind();
    }
    void Bind()
    {
        SqlConnection con = new SqlConnection("Data
Source=.\\SQLEXPRESS;Initial Catalog=Library;Integrated
Security=true");
        SqlDataAdapter sd = new SqlDataAdapter();
        SqlCommand cmd = new SqlCommand("select * from data", con);
        sd.SelectCommand = cmd;
        DataSet ds = new DataSet();
        sd.Fill(ds);
        GridView1.DataSource = ds.Tables[0];
        GridView1.DataBind();
    }
    void Bind1()
    {
        SqlConnection con = new SqlConnection("Data
Source=.\\SQLEXPRESS;Initial Catalog=Library;Integrated
Security=true");
        SqlDataAdapter sd = new SqlDataAdapter();
        SqlCommand cmd = new SqlCommand("select * from data where
bname like '%"+TextBox1.Text+"%' ", con);
        sd.SelectCommand = cmd;
        DataSet ds = new DataSet();
        sd.Fill(ds);
        GridView1.DataSource = ds.Tables[0];
        GridView1.DataBind();
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        Bind1();
    }
}

```

Deposit Books



ASPX CODE :-

```

<%@ Page Language="C#" MasterPageFile="~/Admin.master"
AutoEventWireup="true" CodeFile="DepositBook.aspx.cs"
Inherits="DepositBook" Title="Untitled Page" %>
<asp:Content ID="Content1" ContentPlaceHolderID="ContentPlaceHolder1"
Runat="Server">
<div id="content">
    <div id="sidebar1" style="width: 736px">
        <div id="login" class="boxed">
            <h2 class="title" align="center">
                Deposit Books </h2>
            <div class="content">
                <fieldset>
                    <table align="center">
                        <tr>
                            <td style="width: 163px; height:
18px;">
                                Book ID : -</td>
                            <td style="width: 100px; height:
18px;">
                                <asp:TextBox ID="TextBox1"
runat="server" AutoPostBack="True"
OnTextChanged="TextBox1_TextChanged"></asp:TextBox></td>
                            </tr>
                            <tr>
                                <td style="width: 163px">
                                    Student ID: -</td>
                                <td style="width: 100px">
                                    <asp:TextBox ID="TextBox2"
runat="server" ReadOnly="True"></asp:TextBox></td>
                            </tr>

```

```

        <tr>
            <td style="width: 163px">
                Issue Date:-</td>
            <td style="width: 100px">
                <asp:TextBox ID="TextBox3"
runat="server" ReadOnly="True"></asp:TextBox></td>
            </tr>
            <tr>
                <td style="width: 163px">
                    Due Date:-</td>
                <td style="width: 100px">
                    <asp:TextBox ID="TextBox4"
runat="server" ReadOnly="True"></asp:TextBox></td>
                </tr>
                <tr>
                    <td style="width: 163px">
                        Deposit Date:-</td>
                    <td style="width: 100px">
                        <asp:TextBox ID="TextBox5"
runat="server" ReadOnly="True"></asp:TextBox></td>
                    </tr>
                    <tr>
                        <td style="width: 163px; height:
18px;">
                            Fine(in Rs.):-</td>
                        <td style="width: 100px; height:
18px;">
                            <asp:TextBox ID="TextBox6"
runat="server" ReadOnly="True"></asp:TextBox></td>
                        </tr>
                        <tr>
                            <td style="width: 163px">
                                </td>
                            <td style="width: 100px">
                                <asp:Button ID="Button1"
runat="server" Text="Deposit" Width="119px" OnClick="Button1_Click"
/></td>
                            </tr>
                        </table>
                        <br />
                        <br />
                        <br />
                    </fieldset>
                </div>
            </div>
        </div>
    </div>
</asp:Content>

```

ASPX CODE :-

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;

```

```

using System.Data.SqlClient;

public partial class DepositBook : System.Web.UI.Page
{
    SqlConnection con = new SqlConnection("Data
Source=.\\SQLEXPRESS;Initial Catalog=Library;Integrated
Security=true");
    SqlCommand cmd;
    SqlDataAdapter sd = new SqlDataAdapter();
    protected void Page_Load(object sender, EventArgs e)
    {
        con.Open();
    }
    protected void TextBox1_TextChanged(object sender, EventArgs e)
    {
        cmd = new SqlCommand("select * from issue where bid=" +
TextBox1.Text+ " and depositdate is NULL", con);
        sd.SelectCommand = cmd;
        DataSet ds = new DataSet();
        sd.Fill(ds);
        if (ds.Tables[0].Rows.Count != 0)
        {
            TextBox2.Text = ds.Tables[0].Rows[0][1].ToString();
            TextBox3.Text = ds.Tables[0].Rows[0][2].ToString();
            TextBox4.Text = ds.Tables[0].Rows[0][3].ToString();
            TextBox5.Text = System.DateTime.Now.ToShortDateString();
            DateTime dt1 = Convert.ToDateTime(TextBox4.Text);
            DateTime dt2 = Convert.ToDateTime(TextBox5.Text);
            if (dt1 < dt2)
            {
                TimeSpan dt3 = dt2 - dt1;
                int days = dt3.Days;
                // int month = dt3.;
                // int year = dt3.Year;
                int fine = days * 1;//+ (dt3.Month * 30 * 1) +
(dt3.Year * 365 * 1);
                TextBox6.Text = dt3.TotalDays.ToString();
            }
            else
            {
                Response.Write("<script>alert('No such Book Issued to any
One')</script>");
                TextBox1.Text = "";
                TextBox2.Text = "";
                TextBox1.Focus();
            }
        }
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        if (Convert.ToInt32(TextBox6.Text) >= 1)
        {
            Response.Write("<script>alert('Please collect
Fine')</script>");
        }
    }
}

```

```

        string qry = "update issue set depositdate='" + TextBox5.Text
+ "' where bid=" + TextBox1.Text + " and sid=" + TextBox2.Text;
        cmd = new SqlCommand(qry, con);
        cmd.ExecuteNonQuery();
        qry = "update data set bstatus='f' where bid=" +
TextBox1.Text;
        cmd = new SqlCommand(qry, con);
        cmd.ExecuteNonQuery();
        con.Close();

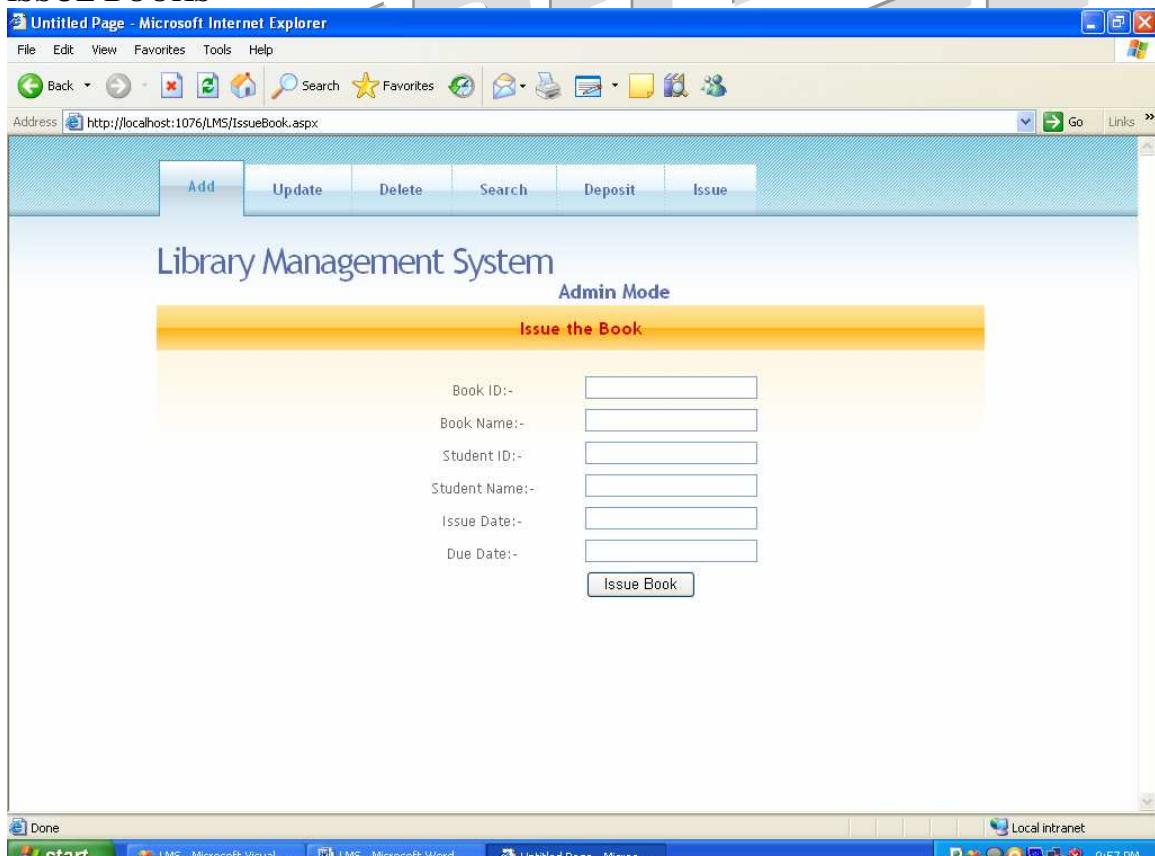
        Response.Write("<script>alert('Book
Submitted')</script>");

        TextBox1.Text = "";
        TextBox2.Text = "";
        TextBox1.Focus();
        TextBox3.Text = "";
        TextBox4.Text = "";
        TextBox5.Text = "";
        TextBox6.Text = "";

    }
}

```

ISSUE BOOKS



ASPX CODE :-

```

<%@ Page Language="C#" MasterPageFile="~/Admin.master"
AutoEventWireup="true" CodeFile="IssueBook.aspx.cs"
Inherits="IssueBook" Title="Untitled Page" %>
<asp:Content ID="Content1" ContentPlaceHolderID="ContentPlaceHolder1"
Runat="Server">
<div id="content">

```

```

<div id="sidebar1" style="width: 736px">
    <div id="login" class="boxed">
        <h2 class="title" align="center">
            Issue the Book</h2>
        <div class="content">
            <fieldset>
                <div style="text-align: center">
                    <table>
                        <tr>
                            <td style="width: 178px">
                                Book ID:-</td>
                            <td style="width: 100px">
                                <asp:TextBox ID="TextBox1" runat="server" AutoPostBack="True"
                                OnTextChanged="TextBox1_TextChanged"></asp:TextBox></td>
                            </tr>
                            <tr>
                                <td style="width: 178px">
                                    Book Name:-</td>
                                <td style="width: 100px">
                                    <asp:TextBox ID="TextBox2" runat="server" ReadOnly="True"></asp:TextBox></td>
                                </tr>
                                <tr>
                                    <td style="width: 178px">
                                        Student ID:-</td>
                                    <td style="width: 100px">
                                        <asp:TextBox ID="TextBox3" runat="server" AutoPostBack="True"
                                        OnTextChanged="TextBox3_TextChanged"></asp:TextBox></td>
                                    </tr>
                                    <tr>
                                        <td style="width: 178px">
                                            Student Name:-</td>
                                        <td style="width: 100px">
                                            <asp:TextBox ID="TextBox4" runat="server" ReadOnly="True"></asp:TextBox></td>
                                        </tr>
                                        <tr>
                                            <td style="width: 178px; height: 18px">
                                                Issue Date:-</td>
                                            <td style="width: 100px; height: 18px">
                                                <asp:TextBox ID="TextBox5" runat="server" OnTextChanged="TextBox5_TextChanged"
                                                ReadOnly="True"></asp:TextBox></td>
                                            </tr>
                                            <tr>
                                                <td style="width: 178px">
                                                    Due Date:-</td>
                                                <td style="width: 100px">
                                                    <asp:TextBox ID="TextBox6" runat="server" AutoPostBack="True"
                                                    ReadOnly="True"></asp:TextBox></td>
                                                </tr>
                                                <tr>
                                                    <td style="width: 178px">
                                                        </td>
                                                    <td style="width: 100px">

```

```

        <asp:Button ID="Button1"
runat="server" OnClick="Button1_Click" Text="Issue Book" /></td>
    </tr>
</table>
</div>

</fieldset>
</div>
</div>
</div>
</div>

</asp:Content>

```

ASPX CODE :-

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;
public partial class IssueBook : System.Web.UI.Page
{
    SqlConnection con = new SqlConnection("Data
Source=.\\SQLEXPRESS;Initial Catalog=Library;Integrated
Security=true");
    SqlDataAdapter sd = new SqlDataAdapter();
    SqlCommand cmd;
    protected void Page_Load(object sender, EventArgs e)
    {
        con.Open();
    }
    protected void TextBox1_TextChanged(object sender, EventArgs e)
    {
        cmd = new SqlCommand("select * from data where bid=" +
TextBox1.Text, con);
        sd.SelectCommand = cmd;
        DataSet ds = new DataSet();
        sd.Fill(ds);
        if (ds.Tables[0].Rows.Count != 0)
        {
            TextBox2.Text = ds.Tables[0].Rows[0][1].ToString();
            if (ds.Tables[0].Rows[0][3].ToString() == "t")
            {
                Response.Write("<script>alert('Book Has already been
issued')</script>");
                TextBox1.Text = "";
                TextBox2.Text = "";
                TextBox1.Focus();
            }
            else
            {
                Response.Write("<script>alert('Book can be
issued')</script>");
                TextBox3.Focus();
            }
        }
    }
}

```

```

        }
    else
    {
        Response.Write("<script>alert('No such Book In
Library')</script>");
        TextBox1.Text = "";
        TextBox2.Text = "";
        TextBox1.Focus();

    }

}

protected void TextBox3_TextChanged(object sender, EventArgs e)
{
    cmd = new SqlCommand("select * from studentdata where sid=" +
TextBox3.Text, con);
    sd.SelectCommand = cmd;
    DataSet ds = new DataSet();
    sd.Fill(ds);
    if (ds.Tables[0].Rows.Count != 0)
    {
        TextBox4.Text = ds.Tables[0].Rows[0][1].ToString();
        cmd = new SqlCommand("select count(*) from issue where
sid=" + TextBox3.Text + " and depositdate is NULL", con);
        sd.SelectCommand = cmd;
        DataSet ds1 = new DataSet();
        sd.Fill(ds1);
        int noofbooks = Convert.ToInt32(
ds1.Tables[0].Rows[0][0].ToString());
        if (noofbooks >= 2)
        {
            Response.Write("<script>alert('Reached maximum book
limit')</script>");
            TextBox3.Text = "";
            TextBox4.Text = "";
            TextBox3.Focus();
        }
        else
        {
            Response.Write("<script>alert('Go Ahead Issue the
Book')</script>");
            TextBox5.Text =
System.DateTime.Now.ToShortDateString();

            TextBox6.Text=(System.DateTime.Now.AddDays(15).ToShortDateString());

        }
    }
    else
    {
        Response.Write("<script>alert('No such student In
School')</script>");
        TextBox3.Text = "";
        TextBox4.Text = "";
        TextBox3.Focus();
    }
}

```

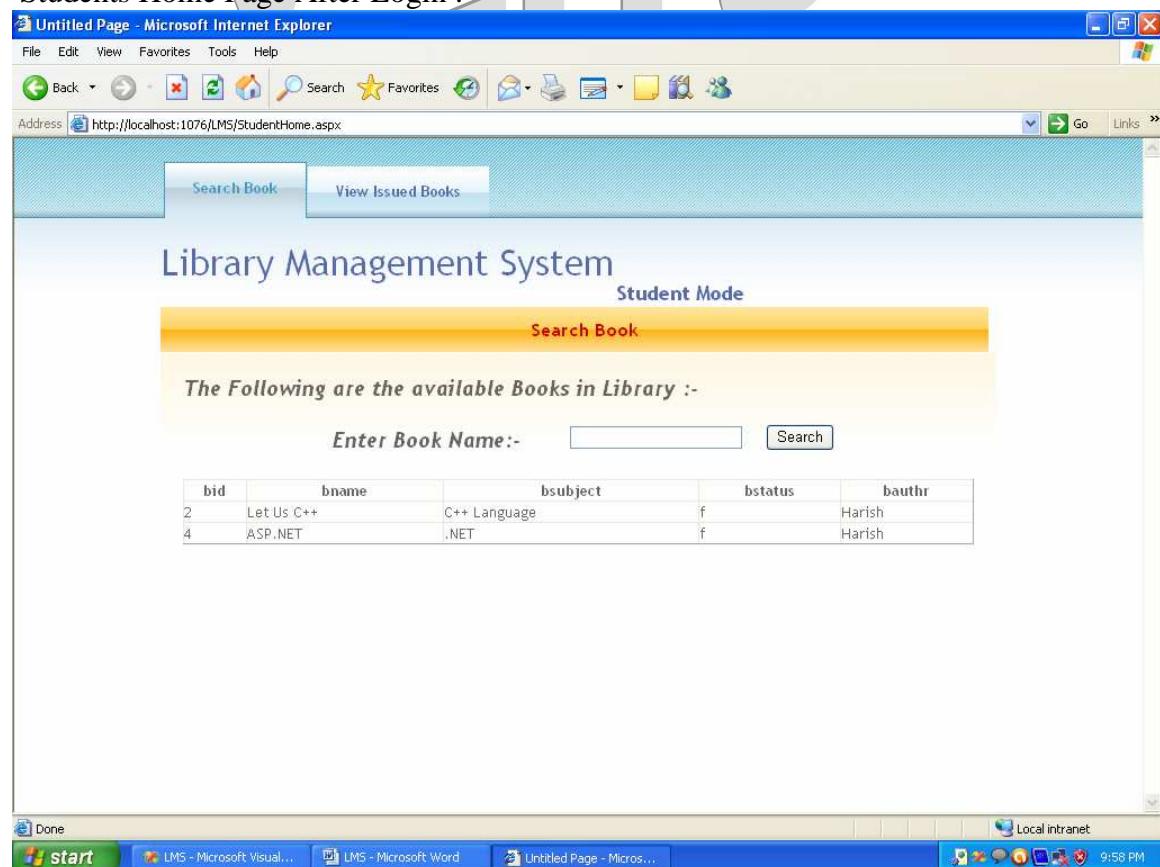
```

        }
    protected void TextBox5_TextChanged(object sender, EventArgs e)
    {

    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        string qry = "insert into issue(bid,sid,issuedate,duedate)
values ('" + TextBox1.Text + "','" + TextBox3.Text + "','" +
TextBox5.Text + "','" + TextBox6.Text + "')";
        cmd = new SqlCommand(qry,con);
        cmd.ExecuteNonQuery();
        qry="update data set bstatus='t' where bid="+TextBox1.Text;
        cmd = new SqlCommand(qry, con);
        cmd.ExecuteNonQuery();
        con.Close();
        Response.Write("<script>alert('Book Issued to
student')</script>");
        TextBox1.Text = "";
        TextBox2.Text = "";
        TextBox1.Focus();
        TextBox3.Text = "";
        TextBox4.Text = "";
        TextBox5.Text = "";
        TextBox6.Text = "";
    }
}

```

Students Home Page After Login :-



ASPX CODE:-

```

<%@ Page Language="C#" MasterPageFile="~/Student.master"
AutoEventWireup="true" CodeFile="StudentHome.aspx.cs"
Inherits="StudentHome" Title="Untitled Page" %>
<asp:Content ID="Content1" ContentPlaceHolderID="ContentPlaceHolder1"
Runat="Server">
<div id="content">
    <div id="sidebar1" style="width: 736px">
        <div id="login" class="boxed">
            <h2 class="title" align="center">
                Search Book</h2>
            <div class="content">
                <fieldset>
                    <span style="font-size: 14pt"><strong><em>The
Following are the available Books in Library
:</em></strong></span></fieldset>
                    <br />
                    <div style="text-align: center">
                        <table>
                            <tr>
                                <td style="width: 246px; height: 29px">
                                    <span style="font-size:
14pt"><strong><em>Enter Book Name:</em></strong></span></td>
                                <td style="width: 100px; height: 29px">
                                    <asp:TextBox ID="TextBox1"
runat="server"></asp:TextBox></td>
                                <td style="width: 100px; height: 29px">
                                    <asp:Button ID="Button1"
runat="server" Text="Search" /></td>
                            </tr>
                        </table>
                    <br />
                </div>
                <asp:GridView ID="GridView1" runat="server"
Width="703px">
            </div>
        </div>
    </div>
</div>
</div>
</div>
</asp:Content>

```

ASPX CODE :-

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

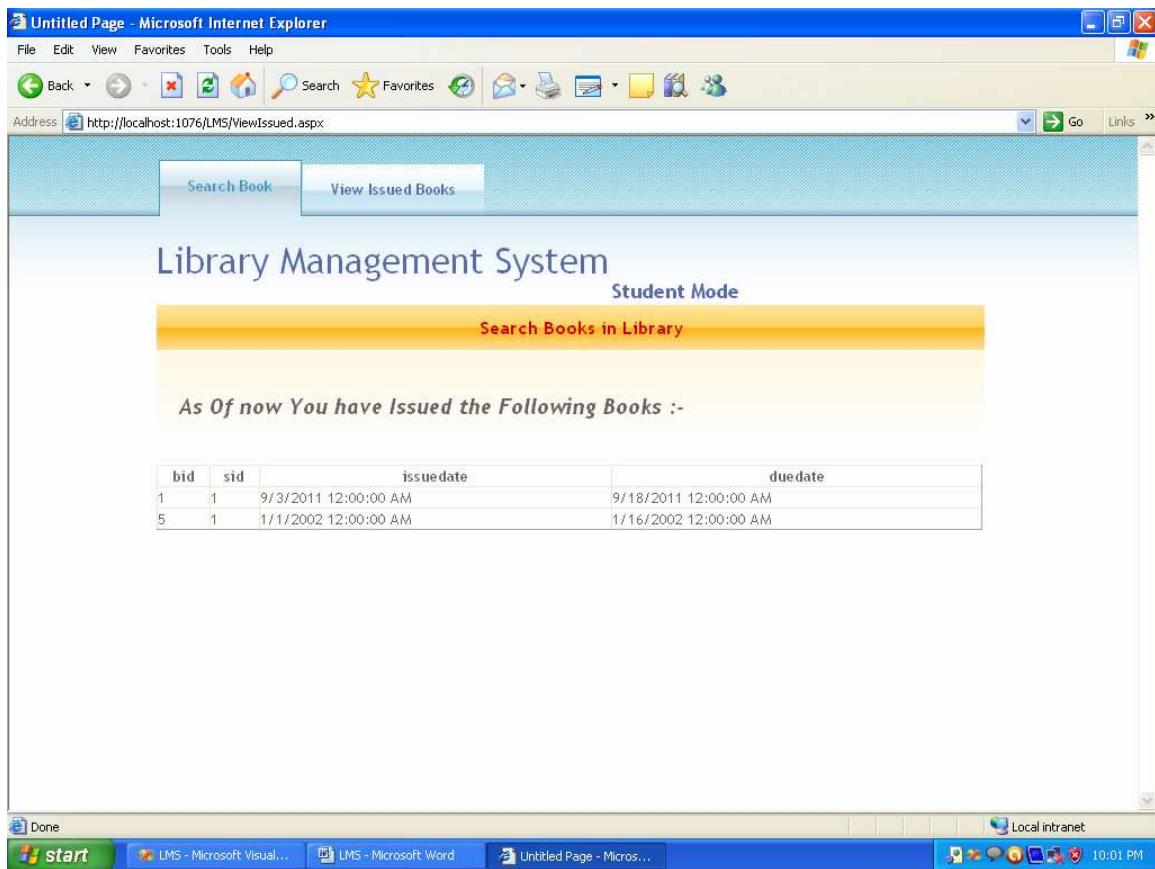
public partial class StudentHome : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        Bind();
    }
}

```

```

void Bind()
{
    SqlConnection con = new SqlConnection("Data
Source=.\\SQLEXPRESS;Initial Catalog=Library;Integrated
Security=true");
    SqlDataAdapter sd = new SqlDataAdapter();
    SqlCommand cmd = new SqlCommand("select * from data where
bstatus='f'", con);
    sd.SelectCommand = cmd;
    DataSet ds = new DataSet();
    sd.Fill(ds);
    GridView1.DataSource = ds.Tables[0];
    GridView1.DataBind();
}
void Bind1()
{
    SqlConnection con = new SqlConnection("Data
Source=.\\SQLEXPRESS;Initial Catalog=Library;Integrated
Security=true");
    SqlDataAdapter sd = new SqlDataAdapter();
    SqlCommand cmd = new SqlCommand("select * from data where
bname like '%" + TextBox1.Text + "%' and bstatus='f'", con);
    sd.SelectCommand = cmd;
    DataSet ds = new DataSet();
    sd.Fill(ds);
    GridView1.DataSource = ds.Tables[0];
    GridView1.DataBind();
}
protected void Button1_Click(object sender, EventArgs e)
{
    Bind1();
}
}
View All Issued Books :-

```

**ASPX CODE :-**

```

<%@ Page Language="C#" MasterPageFile="~/Student.master"
AutoEventWireup="true" CodeFile="ViewIssued.aspx.cs"
Inherits="ViewIssued" Title="Untitled Page" %>
<asp:Content ID="Content1" ContentPlaceHolderID="ContentPlaceHolder1"
Runat="Server">



<div id="sidebar1" style="width: 736px">
        <div id="login" class="boxed">
            <h2 class="title" align="center">
                Search Books in Library</h2>
            <div class="content">
                &nbsp;
                <fieldset>
                    <strong><em><span style="font-size: 14pt">As
Of now You have Issued the Following Books
:-</span></em></strong></fieldset>
                </div>
                <asp:GridView ID="GridView1" runat="server"
Width="734px">
                    </asp:GridView>
                </div></div>
            </div>
        </asp:Content>


```

ASPX CODE :-

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;

```

```

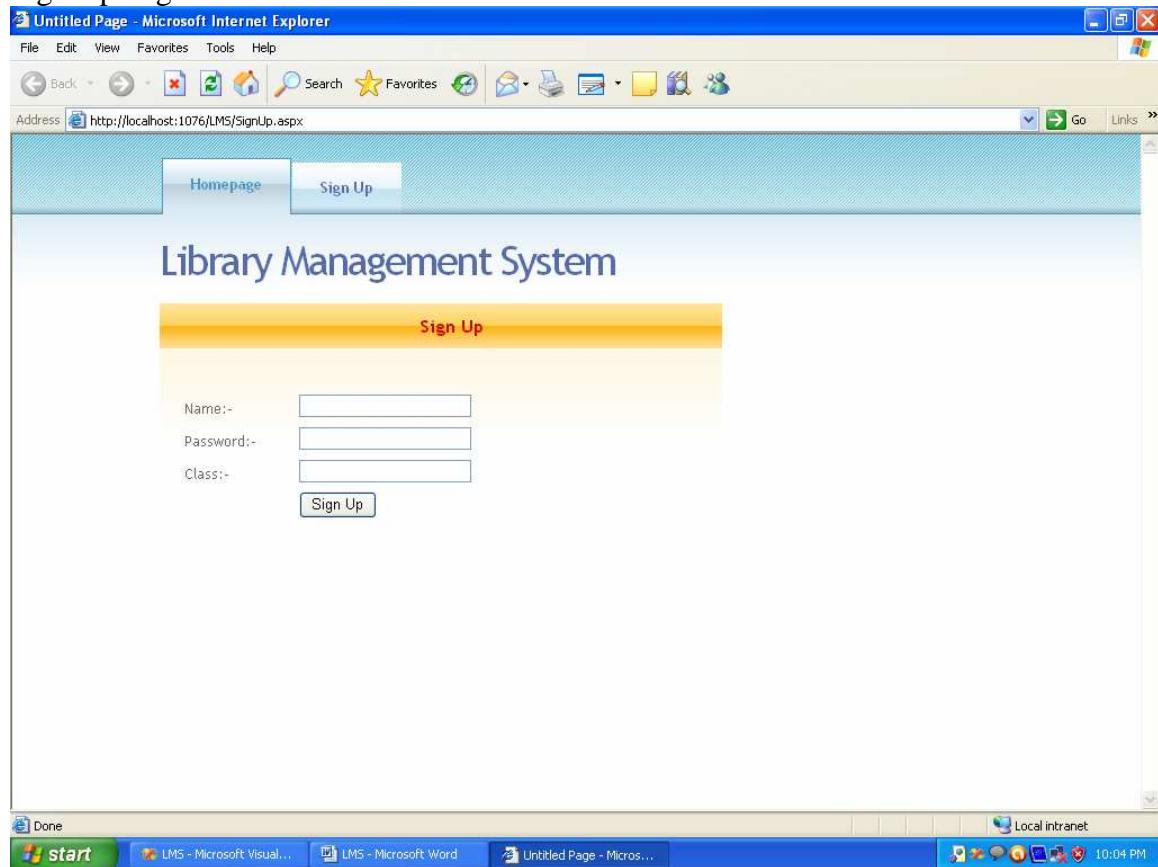
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

public partial class ViewIssued : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        Bind();
    }
    void Bind()
    {
        SqlConnection con = new SqlConnection("Data
Source=.\SQLExpress;Initial Catalog=Library;Integrated
Security=true");
        SqlDataAdapter sd = new SqlDataAdapter();
        SqlCommand cmd = new SqlCommand("select
bid,sid,issuedate,duedate from issue where
sid="+Session["student"].ToString()+" and depositdate is NULL", con);
        sd.SelectCommand = cmd;
        DataSet ds = new DataSet();
        sd.Fill(ds);
        GridView1.DataSource = ds.Tables[0];
        GridView1.DataBind();
    }
}

```



Sign Up Page :-



ASPX CODE:-

```

<%@ Page Language="C#" MasterPageFile("~/MasterPage.master"
AutoEventWireup="true" CodeFile="SignUp.aspx.cs" Inherits="SignUp"
Title="Untitled Page" %>
<asp:Content ID="Content1" ContentPlaceHolderID="ContentPlaceHolder1"
Runat="Server">
<div id="content">
    <div id="sidebar1">
        <div id="login" class="boxed">
            <h2 class="title" align="center">Sign Up</h2>
            <div class="content">
                <fieldset>
                    <br />
                    <table>
                        <tr>
                            <td style="width: 100px; height:
27px;">
                                <asp:Label ID="Label1" runat="server"
Text="Name:- "></asp:Label></td>
                            <td style="width: 100px; height:
27px;">
                                <asp:TextBox ID="TextBox1"
runat="server"></asp:TextBox></td>
                            </tr>
                            <tr>
                                <td style="width: 100px">
                                    <asp:Label ID="Label2" runat="server"
Text="Password:- "></asp:Label></td>
                                <td style="width: 100px">

```

```

        <asp:TextBox ID="TextBox2" runat="server"
TextMode="password" Width="149px"></asp:TextBox></td>
    </tr>
    <tr>
        <td style="width: 100px">
            <asp:Label ID="Label3"
runat="server" Text="Class:-"></asp:Label>
        <td style="width: 100px">
            <asp:TextBox ID="TextBox3"
runat="server"></asp:TextBox></td>
        </tr>
        <tr>
            <td style="width: 100px">
            </td>
            <td style="width: 100px">
                <asp:Button ID="Button1" runat="server"
Text="Sign Up" OnClick="Button1_Click" /></td>
            </tr>
            <tr>
                <td style="width: 100px">
                </td>
                <td style="width: 100px">
                    <asp:Label ID="Label4"
runat="server" Font-Bold="True" Font-Italic="True" Text="Label"
Visible="False"
Width="150px"></asp:Label></td>
                </tr>
            </table>
            <br />
            <br />
            <br />
        </fieldset>
    </div>
</div>
</div>
</div>
</asp:Content>

```

ASPX Page :-

```

using System;
using System.Data;
using System.Configuration;
using System.Collections;
using System.Web;
using System.Web.Security;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts;
using System.Web.UI.HtmlControls;
using System.Data.SqlClient;

public partial class SignUp : System.Web.UI.Page
{
    SqlConnection con = new SqlConnection("Data
Source=.\\SQLEXPRESS;Initial Catalog=Library;Integrated
Security=true");
    SqlCommand cmd;

```

```

protected void Page_Load(object sender, EventArgs e)
{
    con.Open();

    Label4.Visible = false;
}
protected void Button1_Click(object sender, EventArgs e)
{
    string qry = "insert into studentdata values('" +
TextBox1.Text + "','" + TextBox2.Text + "','" + TextBox3.Text + "')";
    cmd = new SqlCommand(qry, con);
    cmd.ExecuteNonQuery();
    con.Close();
    SqlDataAdapter sd = new SqlDataAdapter();

    qry = "select sid from studentdata where sname='" +
TextBox1.Text + "' and spass='" + TextBox2.Text + "' and
sclass='" + TextBox3.Text + "'";
    cmd = new SqlCommand(qry, con);
    sd.SelectCommand = cmd;
    DataSet ds = new DataSet();
    sd.Fill(ds);
    Label4.Text = "Your user Id is " +
ds.Tables[0].Rows[0][0].ToString();
    Label4.Visible = true;
}
}

```

Master Page :-

```

<%@ Master Language="C#" AutoEventWireup="true"
CodeFile="MasterPage.master.cs" Inherits="MasterPage" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <meta http-equiv="content-type" content="text/html; charset=utf-
8" />
    <title>Library Management System</title>
    <meta name="keywords" content="" />
    <meta name="description" content="" />
    <link href="default.css" rel="stylesheet" type="text/css" />
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <div id="menu">
                <ul>
                    <li class="active"><a href="Home.aspx"
title="">Homepage</a></li>
                    <li><a href="SignUp.aspx" title="">Sign
Up</a></li>
                </ul>
            </div>
            <div id="logo">
                <h1>Library Management System</h1>
            </div>
        </div>
    </form>

```

```

<asp:contentplaceholder id="ContentPlaceHolder1"
runat="server">
</asp:contentplaceholder>
</div>
</form>
</body>
</html>

```

Student Master Page :-

```

<%@ Master Language="C#" AutoEventWireup="true"
CodeFile="Student.master.cs" Inherits="Student" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <meta http-equiv="content-type" content="text/html; charset=utf-
8" />
    <title>Library Management System</title>
    <meta name="keywords" content="" />
    <meta name="description" content="" />
    <link href="default.css" rel="stylesheet" type="text/css" />
</head>
<body>
    <form id="form1" runat="server">
        <div id="menu">
            <ul>
                <li class="active"><a href="StudentHome.aspx"
title="">Search Book</a></li>
                <li><a href="ViewIssued.aspx" title="">View Issued
Books</a></li>
            </ul>
        </div>
        <div id="logo">
            <h2>
                <span style="font-size: 24pt">Library Management
System</span></h2>
                <br /><br /><h3>Student Mode</h3>
            </div>
            <div>
                <asp:contentplaceholder id="ContentPlaceHolder1"
runat="server">
                    </asp:contentplaceholder>
                </div>
            </div>
        </form>
    </body>
</html>

```

Admin Master :-

```

<%@ Master Language="C#" AutoEventWireup="true"
CodeFile="Admin.master.cs" Inherits="Admin" %>

```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

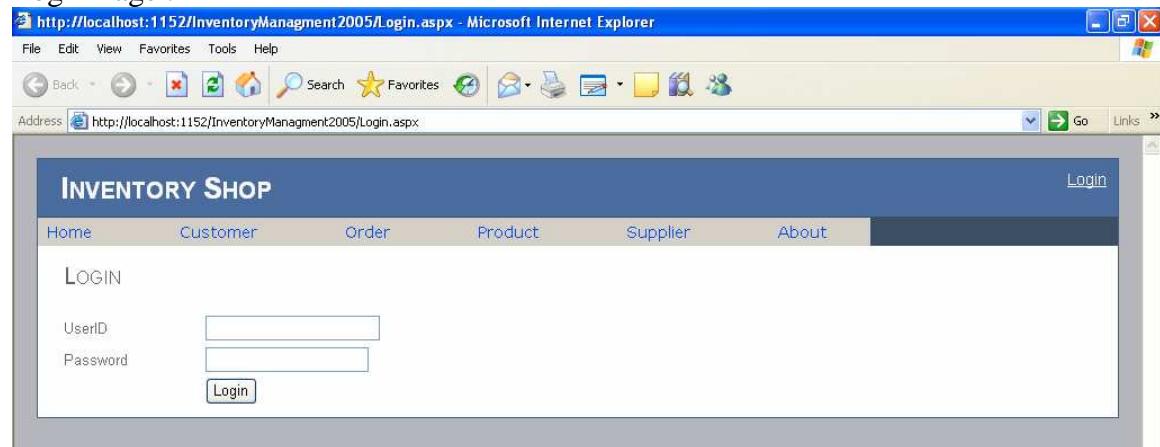
<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
    <meta http-equiv="content-type" content="text/html; charset=utf-
8" />
<title>Library Management System</title>
<meta name="keywords" content="" />
<meta name="description" content="" />
<link href="default.css" rel="stylesheet" type="text/css" />

</head>
<body>
    <form id="form1" runat="server">

        <div id="menu">
            <ul>
                <li class="active"><a href="AdminHome.aspx" title="">Add</a></li>
                <li><a href="UpdateBook.aspx" title="">Update</a></li>
                <li><a href="DeleteBook.aspx" title="">Delete</a></li>
                <li><a href="SearchBook.aspx" title="">Search</a></li>
                <li><a href="DepositBook.aspx" title="">Deposit</a></li>
                <li><a href="IssueBook.aspx" title="">Issue</a></li>
            </ul>
        </div>
        <div id="logo">
            <h1>
                <span style="font-size: 24pt">Library Management
System</span></h1>
                <br /><br /><h3>Admin Mode</h3>
            </div>
            <asp:contentplaceholder id="ContentPlaceHolder1"
runat="server">
            </asp:contentplaceholder>
        </div>
    </form>
</body>
</html>
```

Project :- Inventory Management

Login Page :-



ASPX Page :-

```

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

<asp:Content ID="Content1" ContentPlaceHolderID="HeadContent"
Runat="Server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="MainContent"
Runat="Server">

    <table style="width:50%; ">
        <tr>
            <td colspan="2" > <h1>Login</h1><br />
        </td>
        </tr>
        <tr>
            <td colspan="2" >
                <asp:Label ID="lblMsg" runat="server"
ForeColor="#FF3300"></asp:Label>
            </td>
        </tr>
        <tr>
            <td>
                <asp:Label ID="Label1" runat="server"
Text="UserID"></asp:Label>
            </td>
            <td>
                <asp:TextBox ID="tbuserid"
runat="server"></asp:TextBox>
            </td>
        </tr>
        <tr>
            <td>
                <asp:Label ID="Label2" runat="server"
Text="Password"></asp:Label>
            </td>
            <td>
                <asp:TextBox ID="tbUserPassword" runat="server"
TextMode="Password"></asp:TextBox>
            </td>
        </tr>
    </table>

```

```

        </tr>
        <tr>
            <td>
                &nbsp;</td>
            <td>
                <asp:Button ID="btnLogin" runat="server" Text="Login"
                    onclick="btnLogin_Click" />
            </td>
        </tr>
    </table>

</asp:Content>

```

ASPX Page :-

```

using System;
using System.Collections.Generic;
using System.Web;
using System.Data.SqlClient;
using System.Data;
using System.Configuration;

public partial class Login : System.Web.UI.Page
{
    private string ConnectionString;
    private SqlConnection db;
    protected void Page_Load(object sender, EventArgs e)
    {
        if (Session["uname"] != null | Session["uname"] != "")
        {
            Session["uname"] = null;
        }
        string
ConfigurationConnectionString = "InventoryDBConnectionString";
        ConnectionString = "Data Source=VIDHYA-
8AFDE8F3\\SQLEXPRESS;Initial Catalog=InventoryDB;Integrated
Security=True";
    }
    protected void btnLogin_Click(object sender, EventArgs e)
    {
        SqlConnection con = new SqlConnection(ConnectionString);
        try
        {
            con.Open();
            string query = String.Format("SELECT * FROM [{0}] WHERE
{1} ='{2}' AND {3} ='{4}' ", "UserTable", "Userid", tbuserid.Text,
"Password", tbUserPassword.Text);

            SqlCommand cmd = new SqlCommand(query, con);
            Object rv = cmd.ExecuteScalar();
            if (rv == null)
                lblMsg.Text = "Sorry! Invalid Login. Please Try
Again!";
            else
            {
                Session.Add("uname", tbuserid.Text);
                if( !string.IsNullOrEmpty( Request.QueryString["rp"] ) )
                    Response.Redirect(Request.QueryString["rp"]);
                else
                    Response.Redirect("~/Home.aspx");
            }
        }

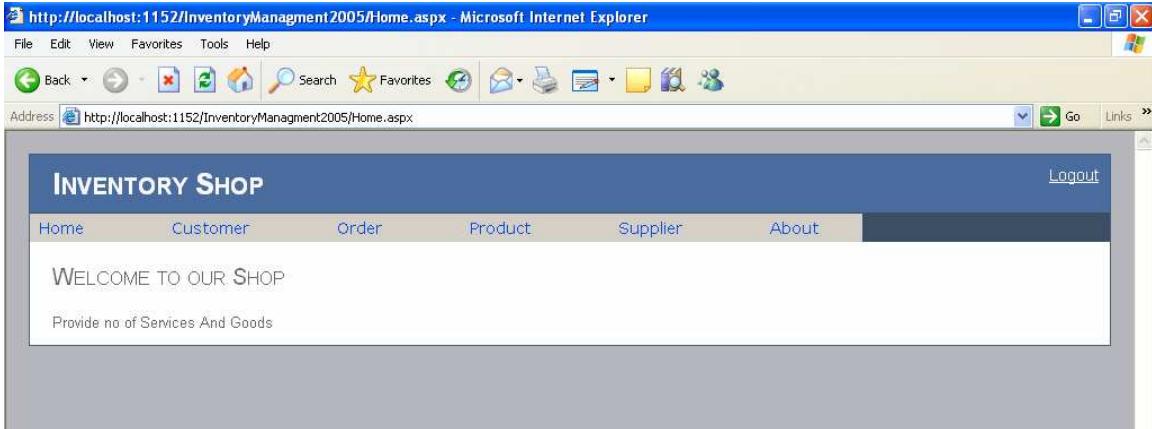
```

```

        }
        catch (Exception ex)
        {
            lblMsg.Text = "Error : " + ex.Message;
        }
        finally
        {
            con.Close();
        }
    }
}

```

Home Page After Login :-



ASPX CODE :-

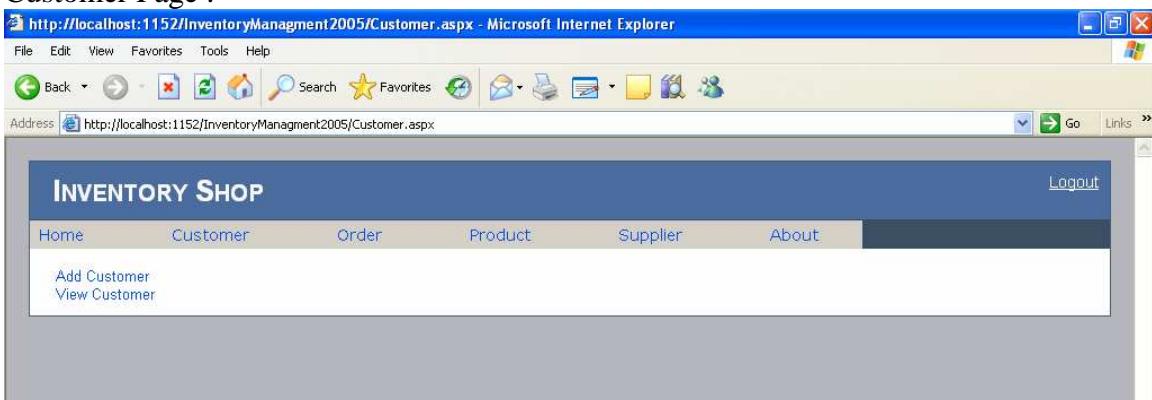
```

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

<asp:Content ID="Content1" ContentPlaceHolderID="HeadContent"
Runat="Server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="MainContent"
Runat="Server">
<h1>Welcome to our Shop</h1>
<p>Provide no of Services And Goods</p>
</asp:Content>

```

Customer Page :-



ASPX CODE :-

```

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

<asp:Content ID="Content1" ContentPlaceHolderID="HeadContent"
Runat="Server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="MainContent"
Runat="Server">



|                                                                                                                                                                                                                                                      |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <div> <asp:menu id="Menu1" runat="server"> &lt;Items&gt; &lt;asp:MenuItem NavigateUrl("~/Add_Customer.aspx" Text="Add Customer"/&gt; &lt;asp:MenuItem NavigateUrl "~/View_Customer.aspx" Text="View Customer"/&gt; &lt;/Items&gt; </asp:menu> </div> |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|


</asp:Content>

```

ASPX CODE :-

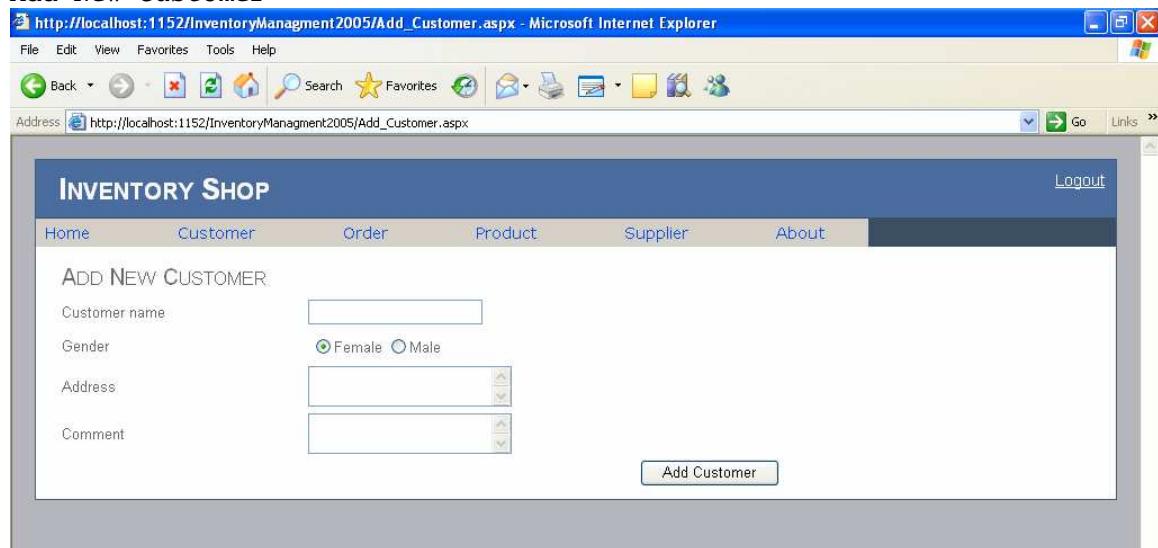
```

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

public partial class Customer : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (Session["uname"] == null )
        {
            Response.Redirect( "Login.aspx" );
        }
    }
}

```

Add New Customer :-



ASPX CODE :-

```

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

<asp:Content ID="Content1" ContentPlaceHolderID="HeadContent"
Runat="Server">
    <style type="text/css">
        .style1
        {
            height: 26px;
        }
    </style>
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="MainContent"
Runat="Server">
<table width="70%">
    <tr>
        <td colspan="2">
            <h1>Add New Customer</h1></td>
        </tr>
        <tr>
            <td colspan="2">
                <asp:Label ID="lblMsg" runat="server"
ForeColor="#FF3300"></asp:Label>
            </td>
        </tr>
        <tr>
            <td class="style1">
                <asp:Label ID="lblCustomername" runat="server"
Text="Customer name"></asp:Label>
            </td>
            <td class="style1">
                <asp:TextBox ID="tbCName"
runat="server"></asp:TextBox>
            </td>
        </tr>
        <tr>
            <td>

```

```

        <asp:Label ID="Label3" runat="server"
Text="Gender"></asp:Label>
    </td>
    <td>
        <asp:RadioButtonList ID="rbSex" runat="server"
            RepeatDirection="Horizontal">
            <asp:ListItem Selected="True">Female</asp:ListItem>
            <asp:ListItem>Male</asp:ListItem>
        </asp:RadioButtonList>
    </td>
</tr>
<tr>
    <td>
        <asp:Label ID="Label2" runat="server"
Text="Address"></asp:Label>
    </td>
    <td>
        <asp:TextBox ID="tbAddress" runat="server"
TextMode="MultiLine"></asp:TextBox>
    </td>
</tr>
<tr>
    <td>
        <asp:Label ID="Label1" runat="server"
Text="Comment"></asp:Label>
    </td>
    <td>
        <asp:TextBox ID="tbComment" runat="server"
TextMode="MultiLine"></asp:TextBox>
    </td>
</tr>
<tr>
    <td colspan="2" align="right">
        <asp:Button ID="btnOk" runat="server" Text="Add
Customer"
            onclick="btnOk_Click" />
    </td>
</tr>
</table>
</asp:Content>

```

ASPX CODE :-

```

using System;
using System.Collections.Generic;
using System;
using System.Web;
using System.Data.SqlClient;
using System.Data;
using System.Configuration;
using System.Drawing;

public partial class Add_Customer : System.Web.UI.Page
{
    private string ConnectionString;
    private SqlConnection db;
    protected void Page_Load(object sender, EventArgs e)
    {
        if (Session["uname"] == null)
        {
            Response.Redirect("Login.aspx");
        }
    }
}

```

```

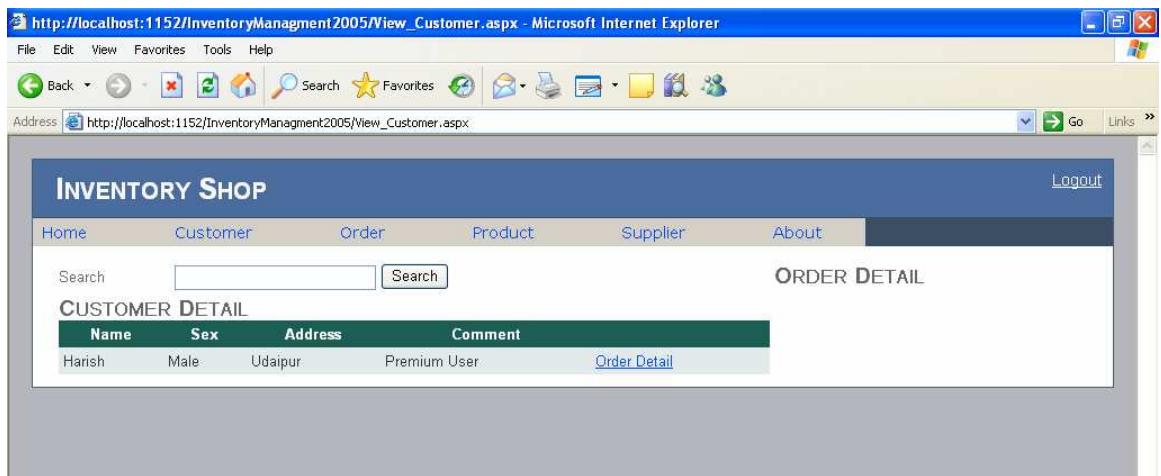
        }
        string ConfigurationConnectionString =
    "InventoryDBConnectionString";
        ConnectionString = "Data Source=VIDHYA-
8AFDE8F3\\SQLEXPRESS;Initial Catalog=InventoryDB;Integrated
Security=True";

    }
    protected void btnOk_Click(object sender, EventArgs e)
    {
        SqlConnection con = new SqlConnection(ConnectionString);
        try
        {
            con.Open();
            string query = string.Format("INSERT INTO Customer(Name,
Sex, Address, Comment)VALUES('{0}', '{1}', '{2}', '{3}')",
tbCName.Text,rbSex.Text,tbAddress.Text,tbComment.Text);
            SqlCommand cmd = new SqlCommand(query, con);
            if (cmd.ExecuteNonQuery() == 1)
            {
                lblMsg.Text = "Customer Added Successfully";
                lblMsg.ForeColor = Color.Blue;
                ClearControl();
            }
        catch (Exception ex)
        {
            lblMsg.Text = "Error : " + ex.Message;
            lblMsg.ForeColor = Color.Red;
        }
        finally
        {
            con.Close();
        }
    }

    void ClearControl()
    {
        tbCName.Text = "";
        rbSex.SelectedIndex = 0;
        tbAddress.Text = "";
        tbComment.Text = "";
    }
}

```

View Customer Details :-



ASPX CODE :-

```

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

<asp:Content ID="Content1" ContentPlaceHolderID="HeadContent"
Runat="Server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="MainContent"
Runat="Server">


|                                                                         |                                                                           |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <asp:label id="lblSearchItem" runat="server" text="Search"></asp:label> | <asp:textbox id="tbSearchBox" runat="server" width="173px"></asp:textbox> | <asp:button id="btnSearch" onclick="btnSearch_Click" runat="server" text="Search"></asp:button> > | <h2>Order Detail</h2> <asp:gridview allowpaging="True" autogeneratecolumns="False" cellpadding="4" enablemodelvalidation="True" forecolor="#333333" gridlines="None" id="gvOrder" runat="server"> <alternatingrowstyle &gt;="" &lt;asp:boundfield="" &lt;columns&gt;="" &lt;editrowstyle="" &lt;footerstyle="" &lt;headerstyle="" &lt;pagerstyle="" &lt;rowstyle="" &lt;selectedrowstyle="" <="" backcolor="#C5BBAF" datafield="Name" font-bold="True" forecolor="#333333" headertext="Product Name" horizontalalign="Center" td=""> </alternatingrowstyle></asp:gridview> |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|


```

```

        <asp:BoundField DataField="Price"
HeaderText="Price" DataFormatString="{0:c}"/>
        <asp:BoundField DataField="Quantity"
HeaderText="Quantity"/>
        <asp:BoundField DataField="OrderDate"
HeaderText="Date" DataFormatString="{0:M-dd-yyyy}"
HtmlEncode="false"/>
        <asp:BoundField DataField="Comment"
HeaderText="Comment"/>

    </Columns>
</asp:GridView>


```



```

        </td>
</tr>
<tr>
    <td colspan="2" >
        <h2>Customer Detail</h2>
        <asp:GridView ID="GridView1" runat="server"
AllowPaging="True" CellPadding="4"
EnableModelValidation="True" ForeColor="#333333"
GridLines="None" AutoGenerateColumns="False"
Width="100%" 
onPageIndexChanging="GridView1_PageIndexChanging">
            <AlternatingRowStyle BackColor="White" />
            <EditRowStyle BackColor="#7C6F57" />
            <FooterStyle BackColor="#1C5E55" Font-Bold="True"
ForeColor="White" />
            <HeaderStyle BackColor="#1C5E55" Font-Bold="True"
ForeColor="White" />
            <PagerStyle BackColor="#666666" ForeColor="White"
HorizontalAlign="Center" />
            <RowStyle BackColor="#E3EAEB" />
            <SelectedRowStyle BackColor="#C5BBAF" Font-
Bold="True" ForeColor="#333333" />
        <Columns>

            <asp:BoundField DataField="Name"
HeaderText="Name" />
            <asp:BoundField DataField="Sex"
HeaderText="Sex" />
            <asp:BoundField DataField="Address"
HeaderText="Address" />
            <asp:BoundField DataField="Comment"
HeaderText="Comment" />

            <asp:TemplateField>
                <ItemTemplate>
                    <asp:LinkButton ID="btnOrderDetail"
Text="Order Detail" runat="server" CommandArgument='<%#Eval("id")%>'>

```

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```

        </asp:GridView>
    </td>
</tr>
</table>

</asp:Content>
```

ASPX CODE :-

```

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

<asp:Content ID="Content1" ContentPlaceHolderID="HeadContent"
Runat="Server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="MainContent"
Runat="Server">
<table width="100%">
    <tr>
        <td>
            <asp:Label ID="lblSearchItem" Text="Search"
runat="server" ></asp:Label>
            </td>
            <td >
                <asp:TextBox ID="tbSearchBox" Width="173px"
runat="server"></asp:TextBox>
                <asp:Button ID="btnSearch" runat="server"
onclick="btnSearch_Click"
                    Text="Search" />
            </td>
            <td rowspan="2" style="vertical-align:top">
                <h2>Order Detail</h2>
                <asp:GridView ID="gvOrder" runat="server" AllowPaging="True"
CellPadding="4" AutoGenerateColumns="False"
EnableModelValidation="True" ForeColor="#333333"
GridLines="None">
                    <AlternatingRowStyle BackColor="White" />
                    <EditRowStyle BackColor="#7C6F57" />
                    <FooterStyle BackColor="#1C5E55" Font-Bold="True"
ForeColor="White" />
                    <HeaderStyle BackColor="#1C5E55" Font-Bold="True"
ForeColor="White" />
                    <PagerStyle BackColor="#666666" ForeColor="White"
HorizontalAlign="Center" />
                    <RowStyle BackColor="#E3EAEB" />
                    <SelectedRowStyle BackColor="#C5BBAF" Font-
Bold="True" ForeColor="#333333" />
                    <Columns>
                        <asp:BoundField DataField="Name"
HeaderText="Product Name"/>
                        <asp:BoundField DataField="Price"
HeaderText="Price" DataFormatString="{0:c}"/>
                        <asp:BoundField DataField="Quantity"
HeaderText="Quantity"/>
                        <asp:BoundField DataField="OrderDate"
HeaderText="Date" DataFormatString="{0:M-dd-yyyy}"
HtmlEncode="false"/>
                        <asp:BoundField DataField="Comment"
HeaderText="Comment"/>

```

```

        </Columns>
    </asp:GridView>

    </td>
</tr>
<tr>
    <td colspan="2" >
        <h2>Customer Detail</h2>
        <asp:GridView ID="GridView1" runat="server"
AllowPaging="True" CellPadding="4"
            EnableModelValidation="True" ForeColor="#333333"
GridLines="None" AutoGenerateColumns="False"
Width="100%" onpageindexchanging="GridView1_PageIndexChanging">
                <AlternatingRowStyle BackColor="White" />
                <EditRowStyle BackColor="#7C6F57" />
                <FooterStyle BackColor="#1Q5E55" Font-Bold="True"
ForeColor="White" />
                <HeaderStyle BackColor="#1C5E55" Font-Bold="True"
ForeColor="White" />
                <PagerStyle BackColor="#666666" ForeColor="White"
HorizontalAlign="Center" />
                <RowStyle BackColor="#E3EAEB" />
                <SelectedRowStyle BackColor="#C5BBAF" Font-
Bold="True" ForeColor="#333333" />
            <Columns>
                <asp:BoundField DataField="Name"
HeaderText="Name" />
                <asp:BoundField DataField="Sex"
HeaderText="Sex" />
                <asp:BoundField DataField="Address"
HeaderText="Address" />
                <asp:BoundField DataField="Comment"
HeaderText="Comment" />
                <asp:TemplateField>
                    <ItemTemplate>
                        <asp:LinkButton ID="btnOrderDetail"
Text="Order Detail" runat="server" CommandArgument='<%#Eval("id")%>' onclick="btnOrderDetail_Click"></asp:LinkButton>
                    </ItemTemplate>
                </asp:TemplateField>
            </Columns>
        </asp:GridView>
    </td>
</tr>
</table>

</asp:Content>

using System;

```

```

using System.Collections.Generic;
using System;
using System.Web;
using System.Data.SqlClient;
using System.Data;
using System.Configuration;
using System.Drawing;
public partial class View_Customer : System.Web.UI.Page
{
    private string ConnectionString;

    protected void Page_Load(object sender, EventArgs e)
    {
        if (Session["uname"] == null )
        {
            Server.Transfer("~/Login.aspx");
        }
        string ConfigurationConnectionString =
"InventoryDBConnectionString";
        ConnectionString = "Data Source=VIDHYA-
8AFDE8F3\\SQLEXPRESS;Initial Catalog=InventoryDB;Integrated
Security=True";
        if (!IsPostBack)
        {
            SqlConnection con = new SqlConnection(ConnectionString);
            SqlDataAdapter da = new SqlDataAdapter("select * from
Customer ", con);
            DataSet ds = new DataSet();
            da.Fill(ds, "candidates");
            ViewState["Customer"] = ds.Tables[0];
            GridView1.DataSource = ViewState["Customer"];
            GridView1.DataBind();
        }
    }
    protected void btnSearch_Click(object sender, EventArgs e)
    {
        String cond= " 1 = 1 ";

        if (tbSearchBox.Text.Length > 0)
            cond += string.Format("AND Name like '{0}%' ",
tbSearchBox.Text );

        SqlConnection con = new SqlConnection(ConnectionString);
        SqlDataAdapter da = new SqlDataAdapter("select * from
Customer where " + cond, con);
        DataSet ds = new DataSet();
        da.Fill(ds, "candidates");

        GridView1.DataSource = ds.Tables[0];
        GridView1.DataBind();
    }

    protected void GridView1_PageIndexChanging(object sender,
System.Web.UI.WebControls.GridViewEventArgs e)
    {
        GridView1.DataSource = ViewState["Customer"];
        GridView1PageIndex = e.NewPageIndex;
    }
}

```

```

        GridView1.DataBind();
    }

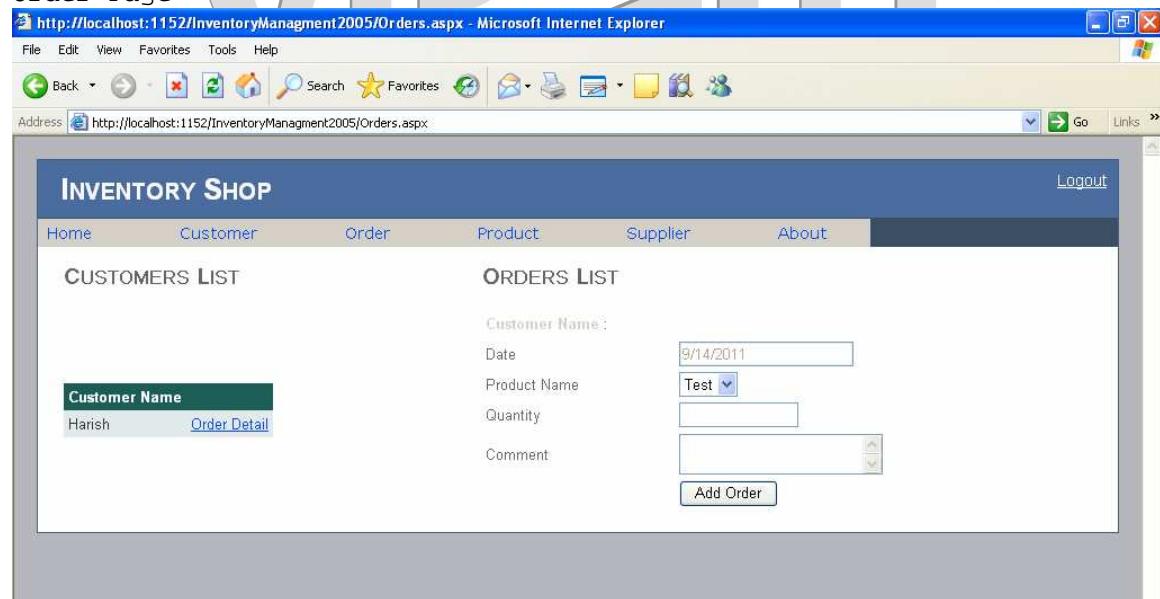
    protected void btnOrderDetail_Click(object sender,
System.EventArgs e)
{
    int id;
    int.TryParse(((System.Web.UI.WebControls.LinkButton)sender).CommandArgument, out
id);
    ViewState["CustomerID"] = id;
    SqlConnection con = new SqlConnection(ConnectionString);

    string query = string.Format("SELECT [OrderTable].OrderDate,
[OrderTable].Quantity, [OrderTable].Comment, Product.Name,
Product.Category, Product.Price, [OrderTable].id"+
        " FROM [OrderTable] INNER JOIN Product ON
[OrderTable].ProductId = Product.id and [OrderTable].CustomerId
='{0}' ", id);
    SqlDataAdapter da = new SqlDataAdapter(query, con);
    DataSet ds = new DataSet();
    da.Fill(ds, "can");

    gvOrder.DataSource = ds.Tables[0];
    gvOrder.DataBind();
}
}

```

Order Page :

**ASPX CODE :-**

```

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

<asp:Content ID="Content1" ContentPlaceHolderID="HeadContent"
Runat="Server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="MainContent"
Runat="Server">

<table style="width:100%;">

```

```

<tr>
<td><h2>Customers List</h2><br /></td>
<td><h2>Orders List</h2><br />

</td>
</tr>

<tr>
<td>
<asp:GridView ID="gvCustomer" runat="server"
AllowPaging="True"

onpageindexchanging="gvCustomer_PageIndexChanging"
PageSize="15" CellPadding="4"
EnableModelValidation="True"
ForeColor="#333333" GridLines="None"
AutoGenerateColumns="False"
ondatabound="gvCustomer_DataBound">
<AlternatingRowStyle BackColor="White" />
<EditRowStyle BackColor="#7C6F57" />
<FooterStyle BackColor="#1C5E55" Font-Bold="True"
ForeColor="White" />
<HeaderStyle BackColor="#1C5E55" Font-Bold="True"
ForeColor="White" />
<PagerStyle BackColor="#666666" ForeColor="White"
HorizontalAlign="Center" />
<RowStyle BackColor="#E3EAEB" />
<SelectedRowStyle BackColor="#C5BBAF" Font-
Bold="True" ForeColor="#333333" />
<Columns>
<asp:BoundField DataField="Name"
HeaderText="Customer Name" />
<asp:TemplateField>
<ItemTemplate>
<asp:LinkButton
ID="btnOrderDetail" Text="Order Detail" runat="server"
CommandArgument='<%#Eval("id") %>' CommandName='<%#Eval("Name") %>'
onclick="btnOrderDetail_Click"></asp:LinkButton>
</ItemTemplate>
</asp:TemplateField>
</Columns>
</asp:GridView>
</td>
<td>
<table style="width:100%;">
<tr>
<td colspan="2">
<asp:Label ID="lblCustext" runat="server"
Text="Customer Name" ForeColor="ActiveBorder" Font-Bold="true"
></asp:Label>&nbsp;:
<asp:Label ID="lblCusName"
runat="server" Font-Bold="true" ></asp:Label>
</td>
</tr>
<tr>
<td colspan="2">
<asp:Label ID="lblMsg" runat="server"
ForeColor="#990000"></asp:Label>

```

```

        </td>
    </tr>
    <tr>
        <td>
            <asp:Label ID="lblDate" runat="server"
Text="Date"></asp:Label>
        </td>
        <td>
            <asp:TextBox ID="tbDate" Enabled="false"
runat="server"></asp:TextBox>
        </td>
    </tr>
    <tr>
        <td>
            <asp:Label ID="lblproductName"
runat="server" Text="Product Name"></asp:Label>
        </td>
        <td>
            <asp:DropDownList ID="ddlProductName"
runat="server">
                </asp:DropDownList>
        </td>
    </tr>
    <tr>
        <td>
            <asp:Label ID="Label2" runat="server"
Text="Quantity"></asp:Label>
        </td>
        <td>
            <asp:TextBox ID="tbQuantity"
runat="server" MaxLength="4" Width="100px"></asp:TextBox>
        </td>
    </tr>
    <tr>
        <td>
            <asp:Label ID="Label3" runat="server"
Text="Comment"></asp:Label>
        </td>
        <td>
            <asp:TextBox ID="tbCommentment"
runat="server" TextMode="MultiLine"></asp:TextBox>
        </td>
    </tr>
    <tr>
        <td>
            <asp:Button ID="btnAddOrder"
runat="server" Text="Add Order"
                onclick="btnAddOrder_Click" />
        </td>
    </tr>
</table>
<asp:GridView ID="gvOrder" runat="server" AllowPaging="True"
CellPadding="4" AutoGenerateColumns="False"
EnableModelValidation="True" ForeColor="#333333"
GridLines="None">

```

```

        <AlternatingRowStyle BackColor="White" />

        <EditRowStyle BackColor="#7C6F57" />
        <FooterStyle BackColor="#1C5E55" Font-Bold="True"
ForeColor="White" />
        <HeaderStyle BackColor="#1C5E55" Font-Bold="True"
ForeColor="White" />
        <PagerStyle BackColor="#666666" ForeColor="White"
HorizontalAlign="Center" />
        <RowStyle BackColor="#E3EAEB" />
        <SelectedRowStyle BackColor="#C5BBAF" Font-
Bold="True" ForeColor="#333333" />
    <Columns>
        <asp:BoundField DataField="Name"
HeaderText="Product Name"/>
        <asp:BoundField DataField="Price"
HeaderText="Price" DataFormatString="{0:c}"/>
        <asp:BoundField DataField="Quantity"
HeaderText="Quantity"/>
        <asp:BoundField DataField="OrderDate"
HeaderText="Date" DataFormatString="{0:M-dd-yyyy}"
HtmlEncode="false"/>
        <asp:BoundField DataField="Comment"
HeaderText="Comment"/>
    </Columns>
</asp:GridView>
</td>
</tr>
</table>
<br />
</asp:Content>

```

ASPX CODE :-

```

using System;
using System.Collections.Generic;
using System.Web;
using System.Data.SqlClient;
using System.Data;
using System.Configuration;
using System.Drawing;
using System.Web.UI.WebControls;

public partial class Orders : System.Web.UI.Page
{
    private string ConnectionString;

    protected void Page_Load(object sender, EventArgs e)
    {
        if (Session["uname"] == null)
        {
            Response.Redirect("~/Login.aspx");
        }

        string ConfigurationConnectionString =
"InventoryDBConnectionString";
        ConnectionString = "Data Source=VIDHYA-
8AFDE8F3\\SQLEXPRESS;Initial Catalog=InventoryDB;Integrated
Security=True";

        SqlConnection con = new SqlConnection(ConnectionString);

```

```

        SqlDataAdapter da = new SqlDataAdapter("select * from
Customer ", con);
        DataSet ds = new DataSet();
        da.Fill(ds, "candidates");
        ViewState["Customer"] = ds.Tables[0];
        gvCustomer.DataSource = ViewState["Customer"];
        gvCustomer.DataBind();

        if (!IsPostBack)
        {
            //for product
            ds = new DataSet();
            da = new SqlDataAdapter("select * from Product ",
con);
            da.Fill(ds, "Products");
            ViewState["Productitems"] = ds.Tables[0];

            ddlProductName.DataSource =
ViewState["Productitems"];
            ddlProductName.DataTextField = "Name";
            ddlProductName.DataValueField = "id";
            ddlProductName.DataBind();

            tbDate.Text = DateTime.Now.ToShortDateString();

            string query = "SELECT ISNULL(MAX(OrderId), 0) AS
OrderId FROM [OrderTable]";
            da = new SqlDataAdapter(query, con);
            ds = new DataSet();
            da.Fill(ds, "orderid");
            ViewState["POrderID"] =
ds.Tables[0].Rows[0][0].ToString();
        }

        con.Close();
    }

    protected void gvCustomer_PageIndexChanging(object sender,
System.Web.UI.WebControls.GridViewEventArgs e)
{
    gvCustomer.DataSource = ViewState["Customer"];
    gvCustomerPageIndex = e.NewPageIndex;

    gvCustomer.DataBind();
}

protected void btnOrderDetail_Click(object sender,
System.EventArgs e)
{
    int id ;
    int.TryParse( ((LinkButton)sender).CommandArgument,out id);
    ViewState["CustomerID"] = id;
    ViewState["CustomerName"] =
((LinkButton)sender).CommandName.ToString();

    if (ViewState["CustomerName"] != null &&
!string.IsNullOrEmpty(ViewState["CustomerName"].ToString()))
        lblCusName.Text = ViewState["CustomerName"].ToString();
}

```

```

        SqlConnection con = new SqlConnection(ConnectionString);
        string query = string.Format("SELECT [OrderTable].OrderDate,
[OrderTable].Quantity, [OrderTable].Comment, Product.Name,
Product.Category, Product.Price, [OrderTable].id" +
            " FROM [OrderTable] INNER JOIN Product ON
[OrderTable].ProductId = Product.id and [OrderTable].CustomerId
='{0}'", id);
        SqlDataAdapter da = new SqlDataAdapter(query, con);
        DataSet ds = new DataSet();
        da.Fill(ds, "candidates");
        ViewState["orderDetail"] = ds.Tables[0];
        gvOrder.DataSource = ViewState["orderDetail"];
        gvOrder.DataBind();
    }
    protected void btnAddOrder_Click(object sender, System.EventArgs e)
    {
        int Cusid;
        if (ViewState["CustomerID"] != null &&
int.TryParse(ViewState["CustomerID"].ToString(), out Cusid)) {
            SqlConnection con = new SqlConnection(ConnectionString);
            con.Open();
            int quantity;
            int.TryParse(tbQuantity.Text, out quantity);

            //OrderId
            int POrderID=0;
            if (ViewState["POrderID"] != null)
            {
                int.TryParse(ViewState["POrderID"].ToString(), out
POrderID);
            }

            string query = string.Format("INSERT INTO
[OrderTable](ProductId, CustomerId, OrderId,OrderDate,Quantity,
Comment)VALUES('{0}', '{1}', '{2}', '{3}', '{4}', '{5}')",
ddlProductName.SelectedValue,Cusid,POrderID+1,DateTime.Now,
quantity,tbCommment.Text);
            SqlCommand cmd = new SqlCommand(query, con);
            try
            {
                if (cmd.ExecuteNonQuery() == 1)
                {
                    lblMsg.Text = "Order Added Successfully";
                    lblMsg.ForeColor = Color.Blue;
                    ClearControl();
                }
                else
                {
                    lblMsg.Text = "Some Problem has arised in adding
Product to list,try again!";
                    lblMsg.ForeColor = Color.Red;
                }
            }
            catch (Exception ex) {
                lblMsg.Text = ex.Message;
                lblMsg.ForeColor = Color.Red;
            }
        }
    }
}

```

```

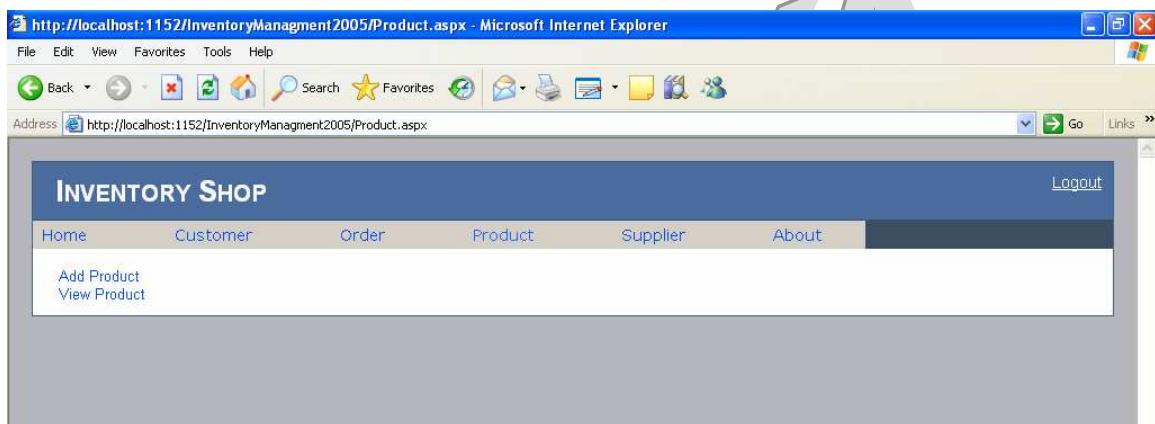
        }
    }

    void ClearControl()
    {
        ddlProductName.SelectedIndex = 0;
        tbQuantity.Text = "";
        tbComment.Text = "";

    }
    protected void gvCustomer_DataBound(object sender, EventArgs e)
    {
    }
}

```

Product Page :-



ASPX CODE :-

```

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

<asp:Content ID="Content1" ContentPlaceHolderID="HeadContent"
Runat="Server">
    <style>
div.hideSkipLink
{
    background-color:#3a4f63;
    width:100%;
}

div.menu
{
    padding: 4px 0px 4px 8px;
}

div.menu ul
{
    list-style: none;
    margin: 0px;
    padding: 0px;
    width: auto;
}

```

```

div.menu ul li a, div.menu ul li a:visited
{
    background-color: #465c71;
    border: 1px #4e667d solid;
    color: #dde4ec;
    display: block;
    line-height: 1.35em;
    padding: 4px 20px;
    text-decoration: none;
    white-space: nowrap;
}

div.menu ul li a:hover
{
    background-color: #bfcbd6;
    color: #465c71;
    text-decoration: none;
}

div.menu ul li a:active
{
    background-color: #465c71;
    color: #cfdbe6;
    text-decoration: none;
}

</style>
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="MainContent" Runat="Server">
    <table style="width:100%;">
        <tr>
            <td>
                <div>
                    <asp:Menu ID="Menu1" CssClass="menu" runat="server">
                        <Items>
                            <asp:MenuItem NavigateUrl="~/Add_Item.aspx" Text="Add Product"/>
                            <asp:MenuItem NavigateUrl="~/View_Item.aspx" Text="View Product"/>
                        </Items>
                    </asp:Menu>
                </div>
            </td>
            <td>
                &nbsp;</td>
        </tr>
    </table>
</asp:Content>

ASPX CODE :-
using System;
using System.Collections.Generic;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

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

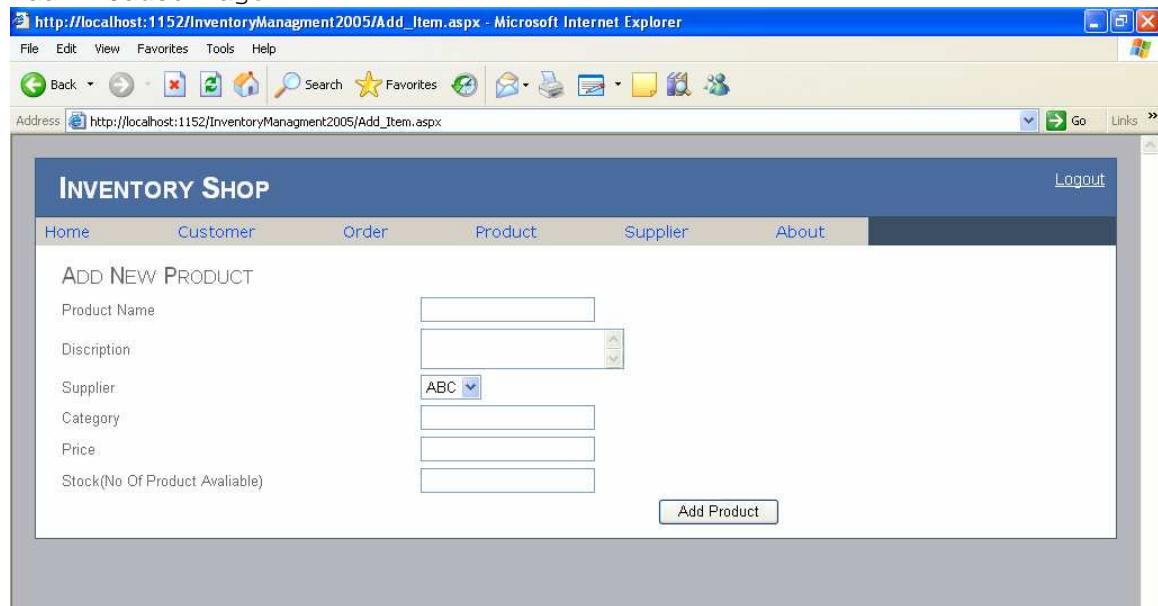
```

```

    {
        if (Session["uname"] == null)
        {
            Response.Redirect("~/Login.aspx");
        }
    }
}

```

Add Product Page :-



ASPX Code :-

```

<%@ Page Title="" Language="C#" MasterPageFile="~/MasterPage.master"
AutoEventWireup="true" CodeFile="Add_Item.aspx.cs"
Inherits="Add_Item" %>
<asp:Content ID="Content1" ContentPlaceHolderID="HeadContent"
Runat="Server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="MainContent"
Runat="Server">
    <table width="70%">
        <tr>
            <td colspan="2">
                <h1>Add New Product</h1></td>
        </tr>
        <tr>
            <td colspan="2">
                <asp:Label ID="lblMsg" runat="server"
ForeColor="#FF3300"></asp:Label>
            </td>
        </tr>
        <tr>
            <td>
                <asp:Label ID="lblProductname" runat="server"
Text="Product Name"></asp:Label>
            </td>
            <td>

```

```

        <asp:TextBox ID="tbProductname"
runat="server"></asp:TextBox>
    </td>
</tr>
<tr>
    <td>
        <asp:Label ID="Label2" runat="server"
Text="Description"></asp:Label>
    </td>
    <td>
        <asp:TextBox ID="tbDescription" runat="server"
TextMode="MultiLine"></asp:TextBox>
    </td>
</tr>
<tr>
    <td>
        <asp:Label ID="Label3" runat="server"
Text="Supplier"></asp:Label>
    </td>
    <td>
        <asp:DropDownList ID="ddSupplier" runat="server">
        </asp:DropDownList>
    </td>
</tr>
<tr>
    <td>
        <asp:Label ID="Label4" runat="server"
Text="Category"></asp:Label>
    </td>
    <td>
        <asp:TextBox ID="tbCategory"
runat="server"></asp:TextBox>
    </td>
</tr>
<tr>
    <td>
        <asp:Label ID="Label5" runat="server"
Text="Price"></asp:Label>
    </td>
    <td>
        <asp:TextBox ID="tbPrice"
runat="server"></asp:TextBox>
    </td>
</tr>
<tr>
    <td>
        <asp:Label ID="Label6" runat="server" Text="Stock(No
Of Product Available)"></asp:Label>
    </td>
    <td>
        <asp:TextBox ID="tbStock"
runat="server"></asp:TextBox>
    </td>
</tr>
<tr>
    <td colspan="2" align="right">
        <asp:Button ID="btnOk" runat="server" Text="Add
Product"
            onclick="btnOk_Click" />
    </td></tr>

```

```

        </table>
    </asp:Content>

ASPX CODE :-
using System;
using System.Collections.Generic;
using System;
using System.Web;
using System.Data.SqlClient;
using System.Data;
using System.Configuration;
using System.Drawing;

public partial class Add_Item : System.Web.UI.Page
{
    private string ConnectionString;
    private SqlConnection db;
    protected void Page_Load(object sender, EventArgs e)
    {
        if (Session["uname"] == null)
        {
            Server.Transfer("~/Login.aspx");
        }
        string ConfigurationConnectionString =
"InventoryDBConnectionString";
        ConnectionString = "Data Source=VIDHYA-
8AFDE8F3\\SQLEXPRESS;Initial Catalog=InventoryDB;Integrated
Security=True";

        if (!IsPostBack)
        {
            SqlConnection con = new SqlConnection(ConnectionString);
            try
            {
                SqlDataAdapter da = new SqlDataAdapter("SELECT Name,
id FROM Supplier", ConnectionString);
                DataSet ds = new DataSet();
                da.Fill(ds, "rs");

                ddSupplier.DataSource = ds.Tables[0];
                ddSupplier.DataTextField = "Name";
                ddSupplier.DataValueField = "id";
                ddSupplier.DataBind();
            }
            catch (Exception ex)
            {
                lblMsg.Text = "Error : " + ex.Message;
                lblMsg.ForeColor = Color.Red;
            }
            finally
            {
                con.Close();
            }
        }
    }

    protected void btnOk_Click(object sender, EventArgs e)
    {
        SqlConnection con = new SqlConnection(ConnectionString);

```

```

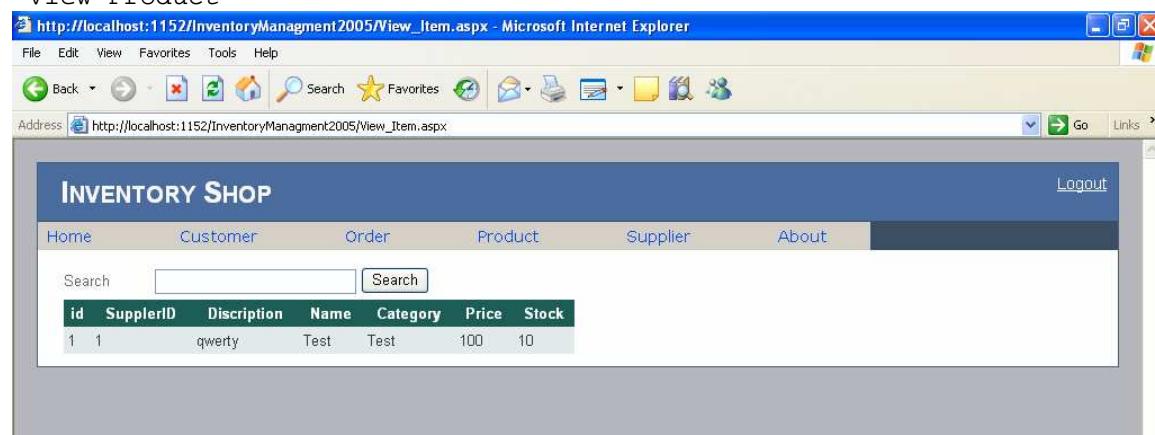
try
{
    int Price=0,Stock=0;
    Int32.TryParse(tbPrice.Text,out Price);
    Int32.TryParse(tbStock.Text,out Stock);

    con.Open();

    string query = string.Format("INSERT INTO Product(Name,
Discription,SupplierId, Category, Price,
Stock)VALUES('{0}','{1}','{2}','{3}','{4}','{5}')",
tbProductname.Text,
tbDiscription.Text,ddSupplier.SelectedValue,tbCategory.Text,Price,Stock);
    SqlCommand cmd = new SqlCommand(query, con);
    if (cmd.ExecuteNonQuery() == 1)
    {
        lblMsg.Text = "Product Added Successfully";
        lblMsg.ForeColor = Color.Blue;
        ClearControl();
    }
}
catch (Exception ex)
{
    lblMsg.Text = "Error : " + ex.Message;
    lblMsg.ForeColor = Color.Red;
}
finally
{
    con.Close();
}
void ClearControl()
{
    tbProductname.Text = "";
    ddSupplier.SelectedIndex = 0;
    tbDiscription.Text = "";
    tbCategory.Text = "";
    tbPrice.Text = "";
    tbStock.Text = "";
}
}

```

View Product



ASPX CODE :-

```

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

<asp:Content ID="Content1" ContentPlaceHolderID="HeadContent"
Runat="Server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="MainContent"
Runat="Server">


|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <asp:label &gt;&lt;="" <="" asp:label&gt;="" id="lblSearchItem" runat="server" td="" text="Search"> <td class="style2"> <asp:textbox &gt;="" &gt;&lt;="" <="" <asp:button="" asp:textbox&gt;="" id="btnSearch" onclick="btnSearch_Click" runat="server" td="" text="Search" width="173px"> </asp:textbox></td></asp:label>                                                                                                                                                                                                                                                                                                                                                                             | <asp:textbox &gt;="" &gt;&lt;="" <="" <asp:button="" asp:textbox&gt;="" id="btnSearch" onclick="btnSearch_Click" runat="server" td="" text="Search" width="173px"> </asp:textbox> |
| <asp:gridview allowpaging="True" cellpadding="4" enablemodelvalidation="True" forecolor="#333333" gridlines="None" id="GridView1" onpageindexchanging="GridView1_PageIndexChanging" runat="server" width="100%"> &lt;AlternatingRowStyle BackColor="White" /&gt; &lt;EditRowStyle BackColor="#7C6F57" /&gt; &lt;FooterStyle BackColor="#1C5E55" Font-Bold="True" ForeColor="White" /&gt; &lt;HeaderStyle BackColor="#1C5E55" Font-Bold="True" ForeColor="White" /&gt; &lt;PagerStyle BackColor="#666666" ForeColor="White" HorizontalAlign="Center" /&gt; &lt;RowStyle BackColor="#E3EAEB" /&gt; &lt;SelectedRowStyle BackColor="#C5BBAF" Font- Bold="True" ForeColor="#333333" /&gt;  </asp:gridview> |                                                                                                                                                                                   |


```

```

protected void Page_Load(object sender, EventArgs e)
{
    if (Session["uname"] == null | Session["uname"] == " ")
    {
        Server.Transfer("~/Login.aspx");
    }
    string ConfigurationConnectionString =
"InventoryDBConnectionString";
    ConnectionString = "Data Source=VIDHYA-
8AFDE8F3\\SQLEXPRESS;Initial Catalog=InventoryDB;Integrated
Security=True";
    if (!IsPostBack)
    {
        SqlConnection con = new SqlConnection(ConnectionString);
        SqlDataAdapter da = new SqlDataAdapter("select * from
Product ", con);
        DataSet ds = new DataSet();
        da.Fill(ds, "candidates");
        ViewState["items"] = ds.Tables[0];
        GridView1.DataSource = ViewState["items"];
        GridView1.DataBind();
    }
}
protected void btnSearch_Click(object sender, EventArgs e)
{
    String cond= " 1 = 1 ";
    if (tbSearchBox.Text.Length > 0)
        cond += string.Format("AND Name like '{0}%'", tbSearchBox.Text);

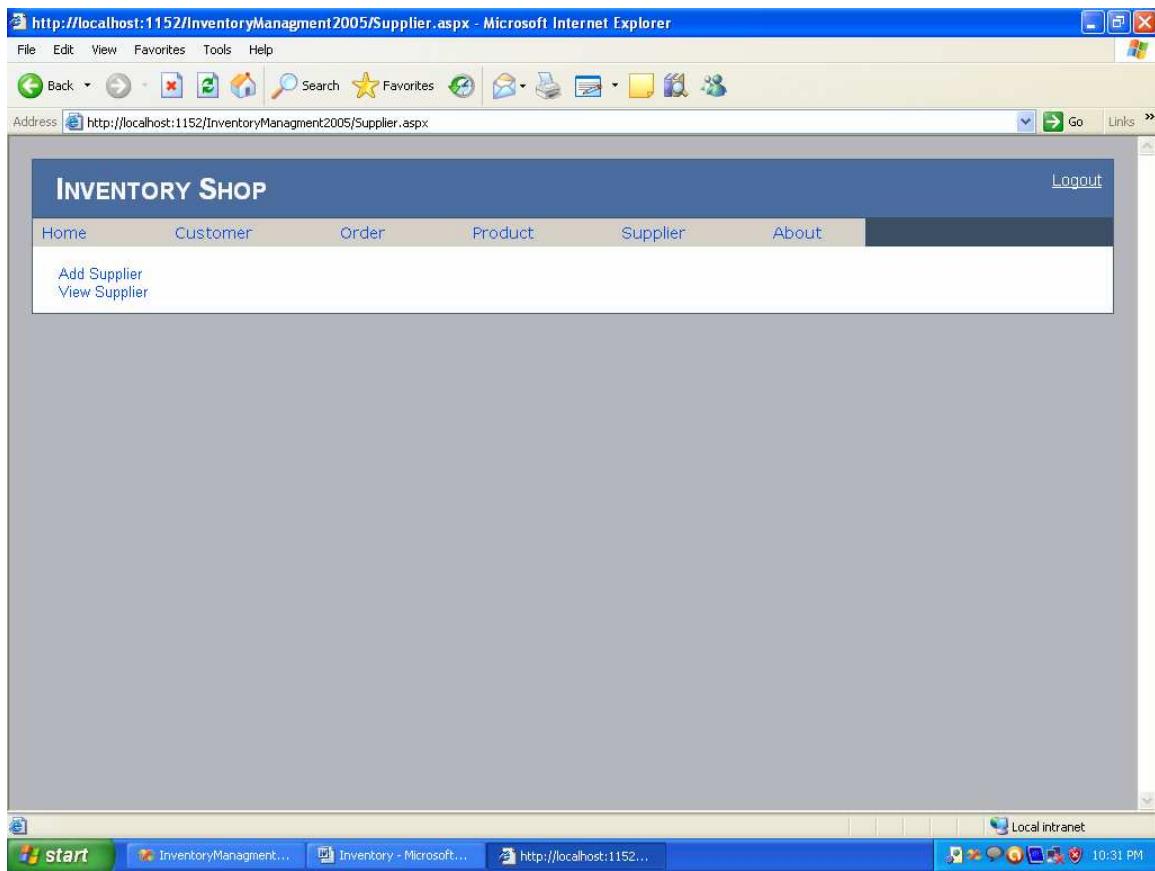
    SqlConnection con = new SqlConnection(ConnectionString);
    SqlDataAdapter da= new SqlDataAdapter ("select * from
Product where " + cond,con);
    DataSet ds = new DataSet();
    da.Fill(ds, "candidates");

    GridView1.DataSource = ds.Tables[0];
    GridView1.DataBind();
}

protected void GridView1_PageIndexChanging(object sender,
System.Web.UI.WebControls.GridViewEventArgs e)
{
    GridView1.DataSource = ViewState["items"];
    GridView1PageIndex = e.NewPageIndex;
    GridView1.DataBind();
}

Supplier Page :-

```



ASPX CODE :-

```

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

<asp:Content ID="Content1" ContentPlaceHolderID="HeadContent"
Runat="Server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="MainContent"
Runat="Server">
    <table style="width:100%; ">
        <tr>
            <td>
                <div>
                    <asp:Menu ID="Menu1" runat="server">
                        <Items>
                            <asp:MenuItem
NavigateUrl="~/Add_suppler.aspx" Text="Add Supplier"/>
                            <asp:MenuItem
NavigateUrl="~/View_supplier.aspx" Text="View Supplier"/>
                        </Items>
                    </asp:Menu>
                </div>
            </td>
            <td>
                &nbsp;</td>
            </td>
        </tr>
    </table>

```

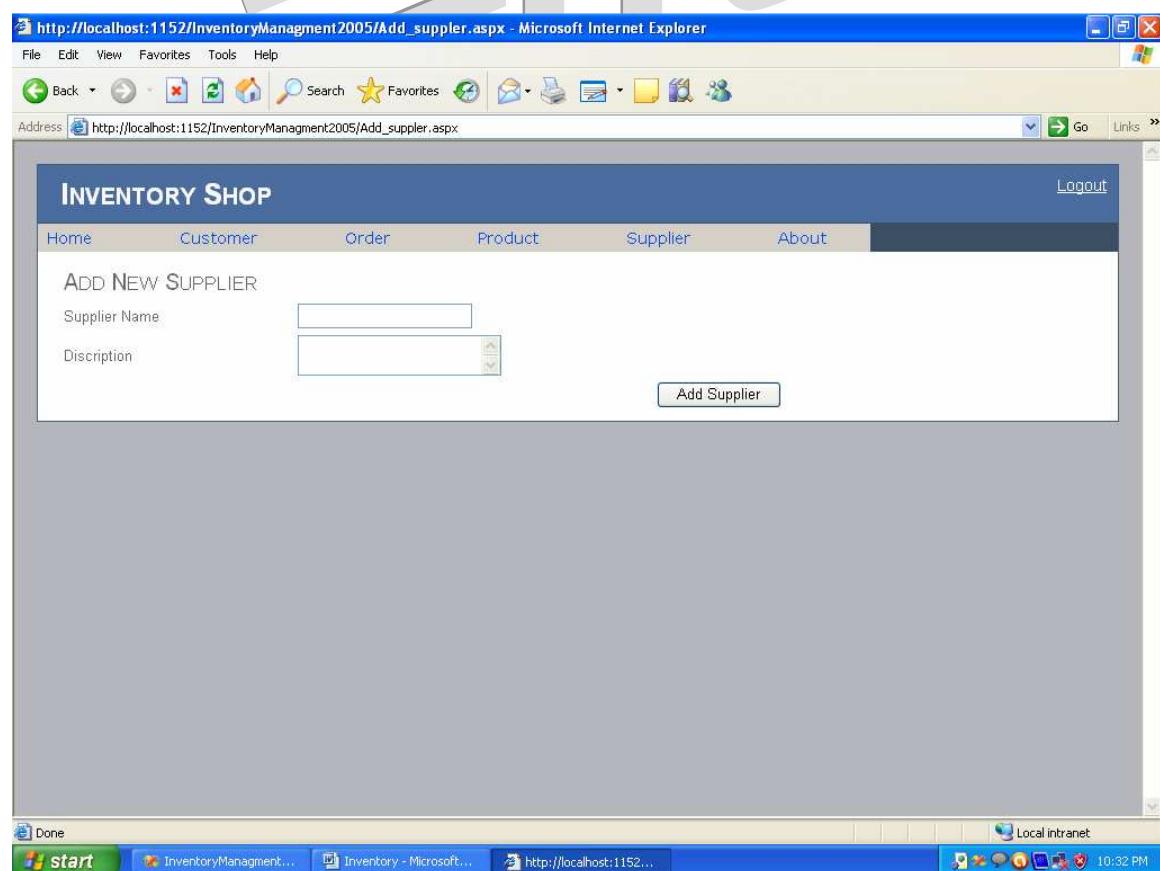
</table>

```
</asp:Content>

ASPX CODE :-
using System;
using System.Collections.Generic;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class Supplier : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (Session["uname"] == null)
        {
            Response.Redirect("~/Login.aspx");
        }
    }
}
```

Add Supplier Page :-



ASPX CODE :-

```

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

<asp:Content ID="Content1" ContentPlaceHolderID="HeadContent"
Runat="Server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="MainContent"
Runat="Server">
    <table width="70%">
        <tr>
            <td colspan="2">
                <h1>
                    Add New Supplier</h1>
                </td>
            </tr>
            <tr>
                <td colspan="2">
                    <asp:Label ID="lblMsg" runat="server"
ForeColor="#FF3300"></asp:Label>
                </td>
            </tr>
            <tr>
                <td>
                    <asp:Label ID="lblProductname" runat="server"
Text="Supplier Name"></asp:Label>
                </td>
                <td>
                    <asp:TextBox ID="tbSuppliername"
runat="server"></asp:TextBox>
                </td>
            </tr>
            <tr>
                <td>
                    <asp:Label ID="Label2" runat="server"
Text="Discription"></asp:Label>
                </td>
                <td>
                    <asp:TextBox ID="tbDiscription" runat="server"
TextMode="MultiLine"></asp:TextBox>
                </td>
            </tr>
            <tr>
                <td align="right" colspan="2">
                    <asp:Button ID="btnOk" runat="server"
onclick="btnOk_Click"
Text="Add Supplier" />
                </td>
            </tr>
    </table>
</asp:Content>
```

ASPX CODE :-

```

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

```

using System.Data.SqlClient;
using System.Data;
using System.Configuration;
using System.Drawing;

public partial class Add_suppler : System.Web.UI.Page
{
    private string ConnectionString;
    private SqlConnection db;
    protected void Page_Load(object sender, EventArgs e)
    {
        if (Session["uname"] == null )
        {
            Server.Transfer("~/Login.aspx");
        }

        string ConfigurationConnectionString =
"InventoryDBConnectionString";
        ConnectionString = "Data Source=VIDHYA-
8AFDE8F3\\SQLEXPRESS;Initial Catalog=InventoryDB;Integrated
Security=True";

    }
    protected void btnOk_Click(object sender, EventArgs e)
    {
        SqlConnection con = new SqlConnection(ConnectionString);
        try
        {
            con.Open();
            string query = string.Format("INSERT INTO Supplier(Name,
Discription)VALUES('{0}', '{1}')",
tbSuppliername.Text,tbDiscription.Text);
            SqlCommand cmd = new SqlCommand(query, con);
            if (cmd.ExecuteNonQuery() == 1)
            {
                lblMsg.Text = "Supplier Added Successfully";
                lblMsg.ForeColor = Color.Blue;
                clearControl();
            }
        catch (Exception ex)
        {
            lblMsg.Text = "Error : " + ex.Message;
            lblMsg.ForeColor = Color.Red;
        }
        finally
        {
            con.Close();
        }
    }

    void clearControl() {
        tbSuppliername.Text = "";
        tbDiscription.Text = "";
    }
}

```

View Supplier Page :-

id	Name	Description
1	ABC	Check

ASPX CODE :-

```

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

<asp:Content ID="Content1" ContentPlaceHolderID="HeadContent"
Runat="Server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="MainContent"
Runat="Server">


|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <asp:Label ID="lblSearchItem" Text="Search" runat="server" /></asp:Label> </td> <td class="style2"> &lt;asp:TextBox ID="tbSearchBox" Width="173px" runat="server"/&gt;&lt;/asp:TextBox&gt; &lt;asp:Button ID="btnSearch" runat="server" onclick="btnSearch_Click" Text="Search" /&gt;  <tr> <td colspan="2"> &lt;asp:GridView ID="GridView1" runat="server" AllowPaging="True" CellPadding="4" EnableModelValidation="True" ForeColor="#333333" GridLines="None" Width="100%"  onpageindexchanging="GridView1_PageIndexChanging"&gt; &lt;AlternatingRowStyle BackColor="White" /&gt; &lt;EditRowStyle BackColor="#7C6F57" /&gt; &lt;FooterStyle BackColor="#1C5E55" Font-Bold="True" ForeColor="White" /&gt; &lt;HeaderStyle BackColor="#1C5E55" Font-Bold="True" ForeColor="White" /&gt; &lt;PagerStyle BackColor="#666666" ForeColor="White" HorizontalAlign="Center" /&gt; &lt;RowStyle BackColor="#E3EAEB" /&gt; &lt;SelectedRowStyle BackColor="#C5BBAF" Font- Bold="True" ForeColor="#333333" /&gt; &lt;/asp:GridView&gt;  </td></tr></td> | <asp:TextBox ID="tbSearchBox" Width="173px" runat="server"/></asp:TextBox> <asp:Button ID="btnSearch" runat="server" onclick="btnSearch_Click" Text="Search" /> <tr> <td colspan="2"> &lt;asp:GridView ID="GridView1" runat="server" AllowPaging="True" CellPadding="4" EnableModelValidation="True" ForeColor="#333333" GridLines="None" Width="100%"  onpageindexchanging="GridView1_PageIndexChanging"&gt; &lt;AlternatingRowStyle BackColor="White" /&gt; &lt;EditRowStyle BackColor="#7C6F57" /&gt; &lt;FooterStyle BackColor="#1C5E55" Font-Bold="True" ForeColor="White" /&gt; &lt;HeaderStyle BackColor="#1C5E55" Font-Bold="True" ForeColor="White" /&gt; &lt;PagerStyle BackColor="#666666" ForeColor="White" HorizontalAlign="Center" /&gt; &lt;RowStyle BackColor="#E3EAEB" /&gt; &lt;SelectedRowStyle BackColor="#C5BBAF" Font- Bold="True" ForeColor="#333333" /&gt; &lt;/asp:GridView&gt;  </td></tr> | <asp:GridView ID="GridView1" runat="server" AllowPaging="True" CellPadding="4" EnableModelValidation="True" ForeColor="#333333" GridLines="None" Width="100%"  onpageindexchanging="GridView1_PageIndexChanging"> <AlternatingRowStyle BackColor="White" /> <EditRowStyle BackColor="#7C6F57" /> <FooterStyle BackColor="#1C5E55" Font-Bold="True" ForeColor="White" /> <HeaderStyle BackColor="#1C5E55" Font-Bold="True" ForeColor="White" /> <PagerStyle BackColor="#666666" ForeColor="White" HorizontalAlign="Center" /> <RowStyle BackColor="#E3EAEB" /> <SelectedRowStyle BackColor="#C5BBAF" Font- Bold="True" ForeColor="#333333" /> </asp:GridView> |  |
| <asp:GridView ID="GridView1" runat="server" AllowPaging="True" CellPadding="4" EnableModelValidation="True" ForeColor="#333333" GridLines="None" Width="100%"  onpageindexchanging="GridView1_PageIndexChanging"> <AlternatingRowStyle BackColor="White" /> <EditRowStyle BackColor="#7C6F57" /> <FooterStyle BackColor="#1C5E55" Font-Bold="True" ForeColor="White" /> <HeaderStyle BackColor="#1C5E55" Font-Bold="True" ForeColor="White" /> <PagerStyle BackColor="#666666" ForeColor="White" HorizontalAlign="Center" /> <RowStyle BackColor="#E3EAEB" /> <SelectedRowStyle BackColor="#C5BBAF" Font- Bold="True" ForeColor="#333333" /> </asp:GridView>                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |


```

```

        </tr>
    </table>
</asp:Content>

ASPX CODE :-
using System;
using System.Collections.Generic;
using System;
using System.Web;
using System.Data.SqlClient;
using System.Data;
using System.Configuration;
using System.Drawing;

public partial class Add_supplier : System.Web.UI.Page
{
    private string ConnectionString;
    private SqlConnection db;
    protected void Page_Load(object sender, EventArgs e)
    {
        if (Session["uname"] == null | Session["uname"] == " ")
        {
            Server.Transfer("~/Login.aspx");
        }
        string ConfigurationConnectionString =
"InventoryDBConnectionString";
        ConnectionString = "Data Source=VIDHYA-
8AFDE8F3\\SQLEXPRESS;Initial Catalog=InventoryDB;Integrated
Security=True";
        if (!IsPostBack)
        {
            SqlConnection con = new SqlConnection(ConnectionString);
            SqlDataAdapter da = new SqlDataAdapter("select * from
Supplier ", con);
            DataSet ds = new DataSet();
            da.Fill(ds, "candidates");
            ViewState["supplier"] = ds.Tables[0];
            GridView1.DataSource = ViewState["supplier"];
            GridView1.DataBind();
        }
    }
    protected void btnSearch_Click(object sender, EventArgs e)
    {
        String cond = " 1 = 1 ";

        if (tbSearchBox.Text.Length > 0)
            cond += string.Format("AND Name like '{0}%' ",
tbSearchBox.Text);

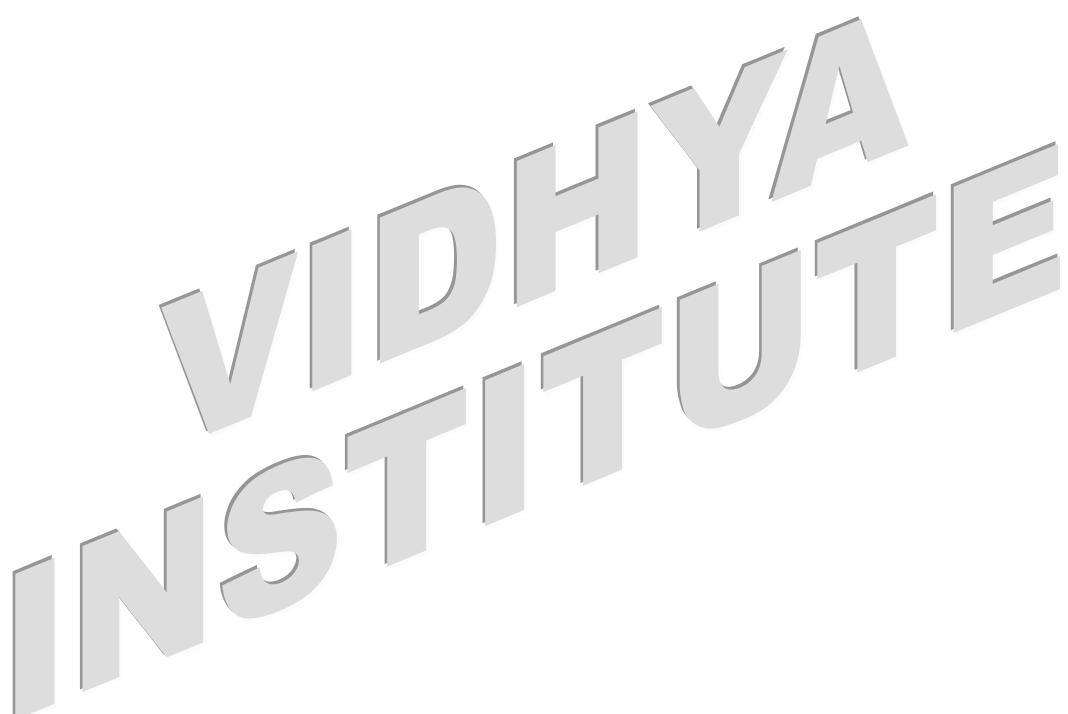
        SqlConnection con = new SqlConnection(ConnectionString);
        SqlDataAdapter da = new SqlDataAdapter("select * from
Supplier where " + cond, con);
        DataSet ds = new DataSet();
        da.Fill(ds, "candidates");

        GridView1.DataSource = ds.Tables[0];
        GridView1.DataBind();
    }
}

```

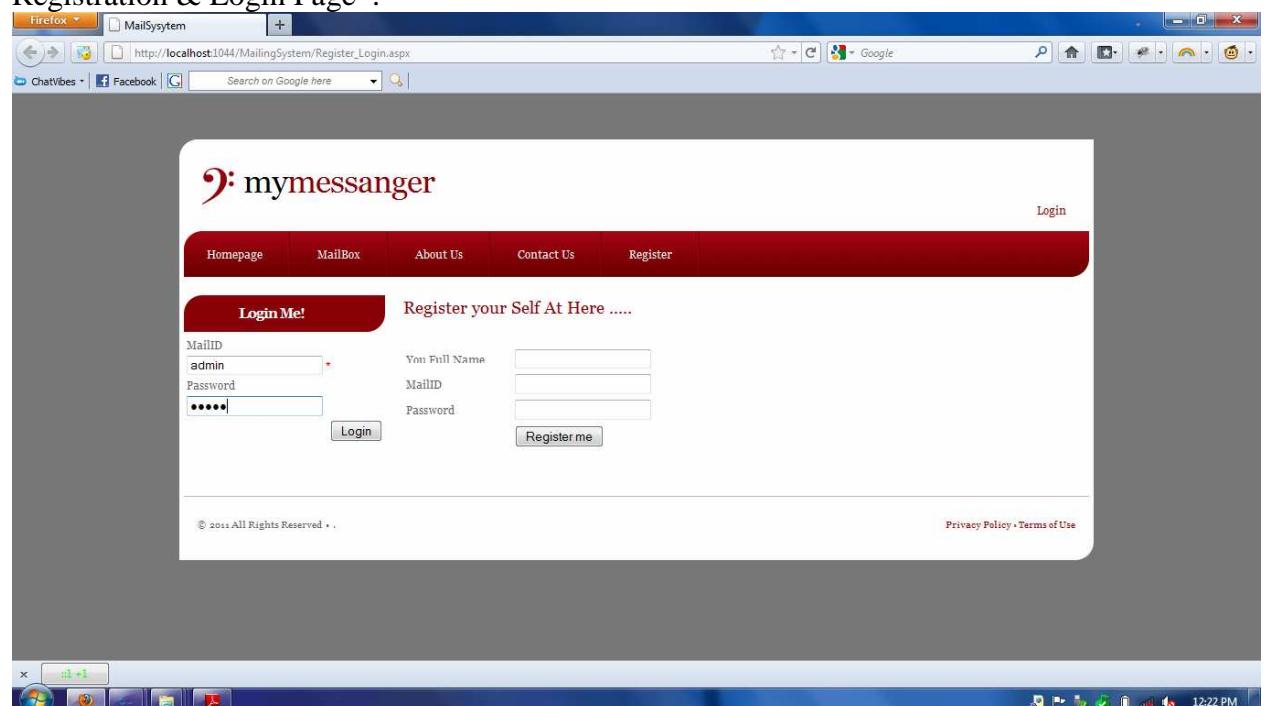
```
}

protected void GridView1_PageIndexChanging(object sender,
System.Web.UI.WebControls.GridViewEventArgs e)
{
    GridView1.DataSource = ViewState["supplier"];
    GridView1PageIndex = e.NewPageIndex;
    GridView1.DataBind();
}
}
```



Project 3: Mail Box

Registration & Login Page :-



ASPX Code :

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

<asp:Content ID="Content1" ContentPlaceHolderID="LeftSidebarconaint"
runat="Server">

    <ul>
        <li>
            <div>
                <h2>
                    Login Me!
                </h2>
                <table width="100%">
                    <tr>
                        <td>
                            <asp:Label ID="lblMessage" ForeColor="Red" runat="server"></asp:Label>
                        </td>
                    </tr>
                    <tr>
                        <td>
                            <asp:Label ID="Label2" runat="server" Text="MailID"></asp:Label>
                        </td>
                    </tr>
                    <tr>
                        <td>
                            <asp:TextBox ID="txtMailId" runat="server" ValidationGroup="Login"></asp:TextBox>
                            <asp:RegularExpressionValidator ID="RegularExpressionValidator2" runat="server"

```

```

        ControlToValidate="txtMailId"
Display="Dynamic" ErrorMessage="*"
ValidationExpression="\w+([-.\w+]*)@\w+([-.\w+]*)\.\w+([-.\w+]*)"></asp:RegularExpressionValidator>
<asp:RequiredFieldValidator
ID="RequiredFieldValidator4" runat="server"
ControlToValidate="txtMailId" Display="Dynamic"
ErrorMessage="*"
ValidationGroup="Login"></asp:RequiredFieldValidator>
</td>
</tr>
<tr>
<td>
<asp:Label ID="Label3" runat="server"
Text="Password"></asp:Label>
</td>
</tr>
<tr>
<td>
<asp:TextBox ID="txtpass"
TextMode="Password" runat="server"></asp:TextBox>
<asp:RequiredFieldValidator
ID="RequiredFieldValidator5" runat="server"
ControlToValidate="txtpass"
ErrorMessage="*"
ValidationGroup="Login"></asp:RequiredFieldValidator>
</td>
</tr>
<tr>
<td align="right">
<asp:Button ID="btnLogin" runat="server"
ValidationGroup="Login" Text="Login"
onclick="btnLogin_Click" />
</td>
</tr>
</table>
</div>
</li>
</ul>
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="HeaderContent"
runat="Server">
<h1>
    &nbsp;&nbsp;&nbsp; Register your Self At Here ....</h1>
</asp:Content>
<asp:Content ID="Content3" ContentPlaceHolderID="BodyContent"
runat="Server">
    <table width="100%">

        <tr>
            <td colspan="2">
                <asp:Label ID="lblMsg" runat="server"
ForeColor="#FF3300"></asp:Label>
            </td>
        </tr>
        <tr>
            <td>

```

```

        <asp:Label ID="Label4" runat="server" Text="You Full
Name"></asp:Label>
        </td>
        <td>
            <asp:TextBox ID="tbUserName"
runat="server"></asp:TextBox>

            <asp:RequiredFieldValidator
ID="RequiredFieldValidator3" runat="server"
ValidationGroup="Register" ControlToValidate="tbUserName"
ErrorMessage="*></asp:RequiredFieldValidator>
        </td>
    </tr>

    <tr>
        <td>
            <asp:Label ID="Label1" runat="server"
Text="MailID"></asp:Label>
        </td>
        <td>
            <asp:TextBox ID="tbMailid"
runat="server"></asp:TextBox>
            <asp:RegularExpressionValidator
ID="RegularExpressionValidator1"
runat="server" ValidationGroup="Register"
ControlToValidate="tbMailid"
ErrorMessage="*"
ValidationExpression="\w+([-.\w+]*)@\w+([-.
]\w+)*\.\w+([-.\w+]*)"></asp:RegularExpressionValidator>
            <asp:CustomValidator ID="CustomValidator1"
runat="server"
ValidationGroup="Register"
ControlToValidate="tbMailid"
ErrorMessage="MailID not Available"
onservervalidate="CustomValidator1_ServerValidate"></asp:CustomValidator>
            <asp:RequiredFieldValidator
ID="RequiredFieldValidator1" runat="server"
ValidationGroup="Register" ControlToValidate="tbMailid"
ErrorMessage="*></asp:RequiredFieldValidator>
        </td>
    </tr>

    <tr>
        <td>
            <asp:Label ID="Label34" runat="server"
Text="Password"></asp:Label>
        </td>
        <td>
            <asp:TextBox ID="tbUserPassword" runat="server"
TextMode="Password"></asp:TextBox>
            <asp:RequiredFieldValidator
ID="RequiredFieldValidator2" runat="server"
ValidationGroup="Register" ControlToValidate="tbUserPassword"
ErrorMessage="*></asp:RequiredFieldValidator>
        </td>
    </tr>
    <tr>
        <td>
            &nbsp;</td>
        <td>

```

```

        <asp:Button ID="btnRegister" runat="server"
Text="Register me" ValidationGroup="Register"
onclick="btnRegister_Click" />

        </td>
    </tr>

</table>
</asp:Content>
<asp:Content ID="Content4" ContentPlaceHolderID="RightSidebarContent"
runat="Server">
</asp:Content>

```

ASPX PAGE :-

```

using System;
using System.Collections.Generic;
using System.Web;
using System.Data.SqlClient;
using System.Data;
using System.Configuration;
using System.Drawing;

public partial class Register : System.Web.UI.Page
{
    private string ConnectionString;
    private SqlConnection db;
    protected void Page_Load(object sender, EventArgs e)
    {
        if (Session["umame"] != null)
        {
            Session["umame"] = null;
        }
        string ConfigurrationConnectionString = "MailConnectionString";
        ConnectionString =
ConfigurationManager.ConnectionStrings[ConfigurrationConnectionString].ConnectionString;
    }

    protected void btnLogin_Click(object sender, EventArgs e)
    {

        SqlConnection con = new SqlConnection(ConnectionString);
        try
        {
            con.Open();

            string query = String.Format("SELECT * FROM Accounts
WHERE (MailId = '{0}') AND (Password = '{1}')", txtMailId.Text,
txtpass.Text);

            SqlCommand cmd = new SqlCommand(query, con);
            Object rv = cmd.ExecuteScalar();

            if (rv == null)
                lblMessage.Text = "Sorry! Invalid Login. Please Try
Again!";
        }
    }
}

```

```

        else
    {
        DataSet ds = new DataSet();
        SqlDataAdapter da = new SqlDataAdapter(query, con);
        da.Fill(ds);
        Session["umailid"] =
ds.Tables[0].Rows[0]["MailId"].ToString();
        Session["uname"] =
ds.Tables[0].Rows[0]["UserName"].ToString();

        Response.Redirect("~/Mailbox.aspx");
    }

}

catch (Exception ex)
{
    lblMessage.Text = "Error : " + ex.Message;
}
finally
{
    con.Close();
}

}

protected void btnRegister_Click(object sender, EventArgs e)
{
    SqlConnection con = new SqlConnection(ConnectionString);
    try
    {
        con.Open();
        string query = string.Format(" INSERT INTO Accounts
(UserName, MailId, Password,
CreateDate)VALUES('{0}', '{1}', '{2}', '{3}')",
tbUserName.Text, tbMailid.Text, tbUserPassword.Text,
DateTime.Now.ToString());
        SqlCommand cmd = new SqlCommand(query, con);
        if (cmd.ExecuteNonQuery() == 1)
        {
            lblMsg.Text = "You have Successfully Registered";
            lblMsg.ForeColor = Color.Blue;
            ClearControl();
        }
    }
    catch (Exception ex)
    {
        lblMsg.Text = "Error : " + ex.Message;
        lblMsg.ForeColor = Color.Red;
    }
    finally
    {
        con.Close();
    }

}

private bool IsMailIDAvaialable( string MailID) {
    SqlConnection con = new SqlConnection(ConnectionString);

```

```

try
{
    con.Open();

    string query = String.Format("SELECT * FROM Accounts
WHERE (MailId = '{0}')", MailID);
    SqlCommand cmd = new SqlCommand(query, con);
    Object rv = cmd.ExecuteScalar();
    if (rv == null)
    {
        return true;
    }

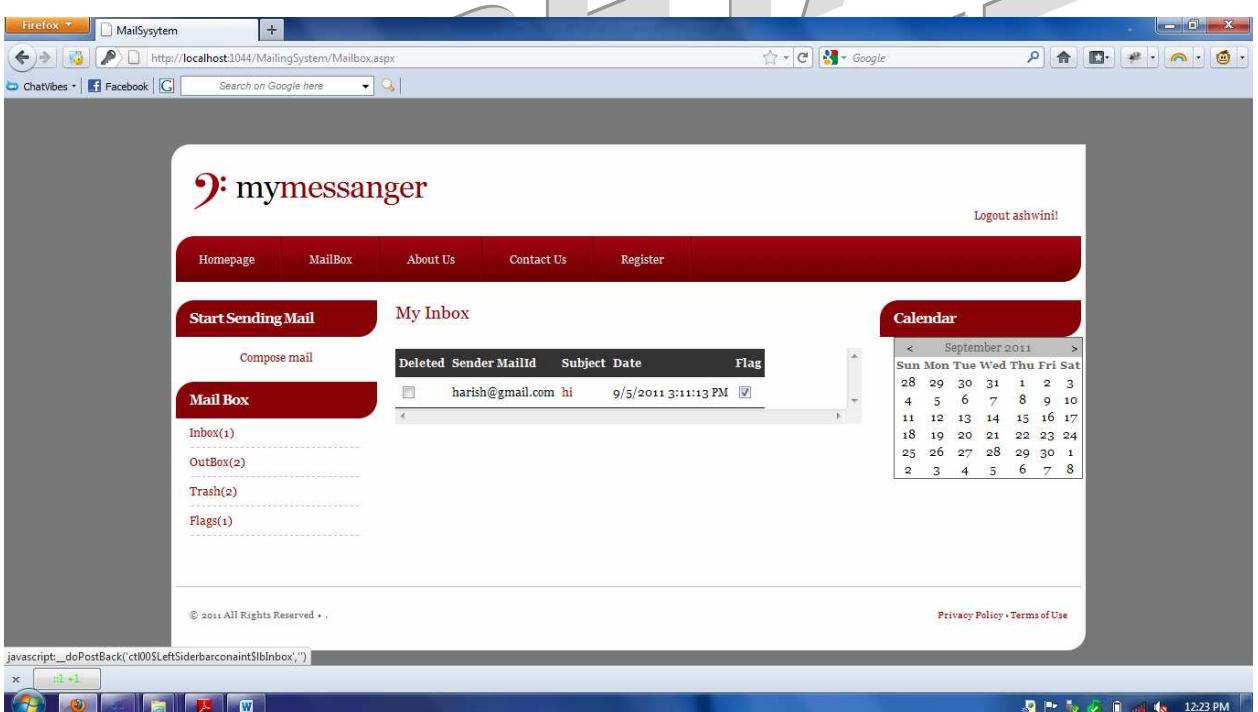
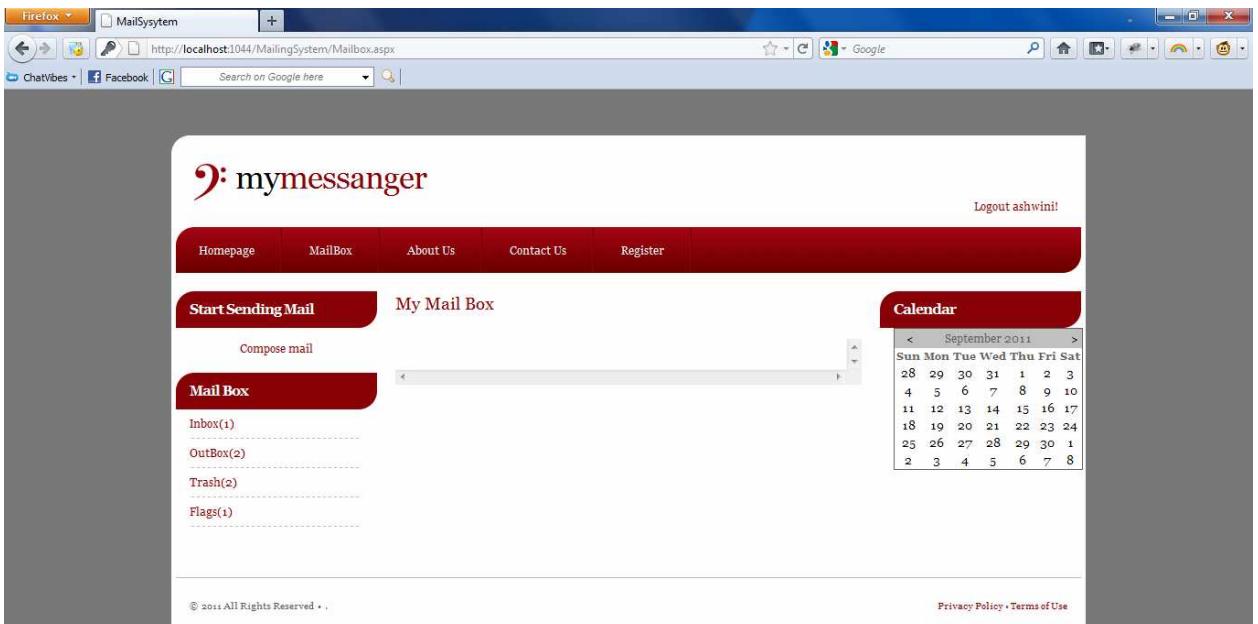
}
catch (Exception ex)
{
    lblMsg.Text = "Error : " + ex.Message;
    lblMsg.ForeColor = Color.Red;
}
finally
{
    con.Close();
}
return false;
}

void ClearControl()
{
    tbUserName.Text = "";
    tbMailid.Text = "";
    tbUserPassword.Text = "";
}

protected void CustomValidator1_ServerValidate(object source,
System.Web.UI.WebControls.ServerValidateEventArgs args)
{
    if (IsMailIDAvaialable(args.Value))
    {
        args.IsValid = true;
    }
    else {
        args.IsValid = false;
    }
}
}

```

My Mail Box :-



The screenshot shows the 'My OutBox' section of the application. It displays a table with columns: Deleted, Sender MailId, Subject, Date, and Flag. There are two entries:

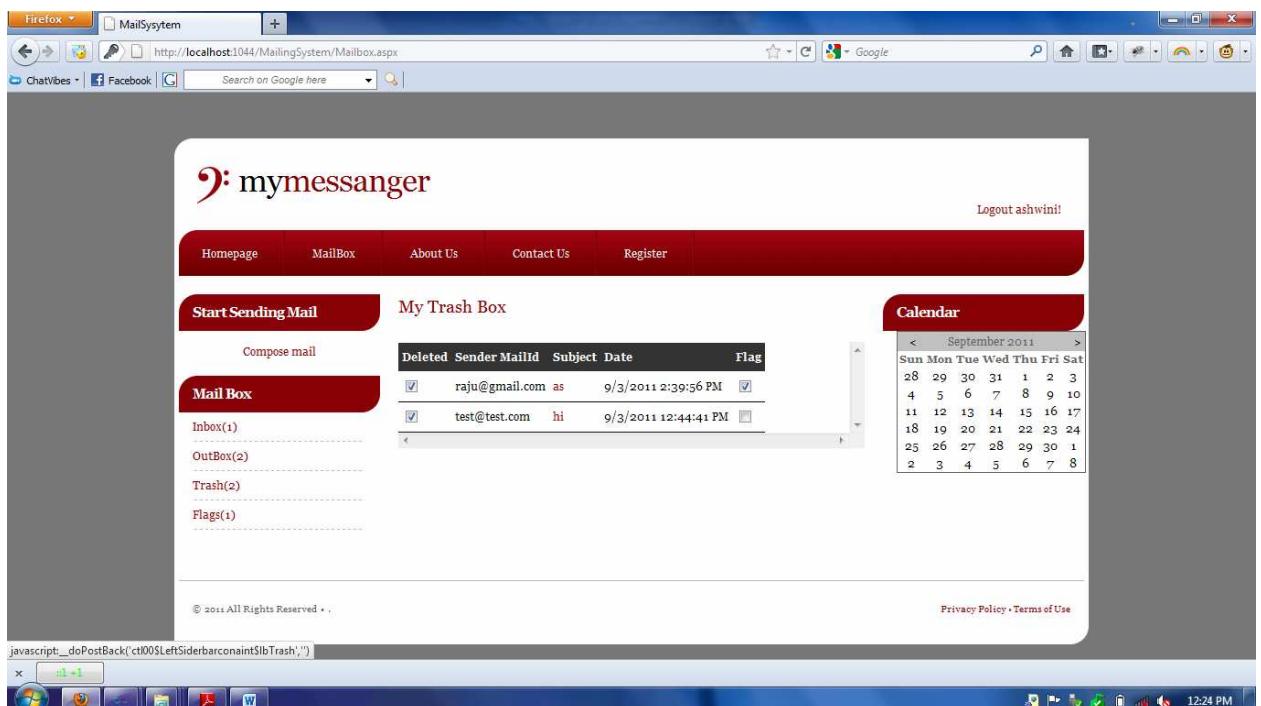
Deleted	Sender MailId	Subject	Date	Flag
<input type="checkbox"/>	ashwinijindal0@gmail.com	asd	9/3/2011 11:13:16 PM	<input type="checkbox"/>
<input checked="" type="checkbox"/>	ashwinijindal0@gmail.com	to apply for job vacancy	9/3/2011 11:01:13 PM	<input checked="" type="checkbox"/>

On the left sidebar, under 'Mail Box', the 'OutBox(2)' link is highlighted. On the right, a calendar for September 2011 is shown.

The screenshot shows the 'My Trash Box' section of the application. It displays a table with columns: Deleted, Sender MailId, Subject, Date, and Flag. There are two entries:

Deleted	Sender MailId	Subject	Date	Flag
<input checked="" type="checkbox"/>	raju@gmail.com	as	9/3/2011 2:39:56 PM	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	test@test.com	hi	9/3/2011 12:44:41 PM	<input type="checkbox"/>

On the left sidebar, under 'Mail Box', the 'Trash(2)' link is highlighted. On the right, a calendar for September 2011 is shown.

**ASPX Code :-**

```

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

<asp:Content ID="Content1" ContentPlaceHolderID="LeftSiderbarconaint"
runat="Server">
    <ul>
        <li>
            <div>
                <h2>Start Sending Mail</h2>
                <br />
                <center>
                    <asp:LinkButton ID="lbComposemail" runat="server"
                    OnClick="lbComposemail_Click" >Compose mail</asp:LinkButton>
                </center>
            </div>
        </li>
        <li>
            <h2>Mail Box</h2>
            <ul>
                <li>
                    <asp:LinkButton ID="lbInbox" runat="server"
                    OnClick="lbInbox_Click" Text="Inbox"></asp:LinkButton></li>
                    <li>
                        <asp:LinkButton ID="lbOutBox" runat="server"
                        OnClick="lbOutBox_Click" Text="OutBox"></asp:LinkButton></li>
                        <li>
                            <asp:LinkButton ID="lbTrash" runat="server"
                            OnClick="lbTrash_Click" Text="Trash"></asp:LinkButton></li>
                            <li>
                                <asp:LinkButton ID="lbFlag" runat="server"
                                OnClick="lbother_Click" Text="Flags"></asp:LinkButton></li>
                            </ul>
                        </li>
                    </ul>
                </li>
            </ul>
        </li>
    </ul>
</asp:Content>

```

```

        </ul>
    </asp:Content>
    <asp:Content ID="Content2" ContentPlaceHolderID="HeaderContent"
runat="Server">
    <h1>
        &nbsp;&nbsp;&nbsp; <asp:Label ID="lblHead" runat="server"
Text="My Mail Box"></asp:Label>
    </h1>
</asp:Content>
    <asp:Content ID="Content3" ContentPlaceHolderID="BodyContent"
runat="Server">
        <asp:Label ID="lblMsg" runat="server"
ForeColor="#990033"></asp:Label>
        <div style="width: 100%; overflow: scroll">
            <asp:GridView ID="GVMailList" runat="server"
BackColor="White" AutoGenerateColumns="false"
AllowPaging="true" BorderColor="#CCCCCC"
BorderStyle="None" BorderWidth="1px"
CellPadding="4" EnableModelValidation="True"
ForeColor="Black"
GridLines="Horizontal"
onselectedindexchanged="GVMailList_SelectedIndexChanged">
                <FooterStyle BackColor="#CCCC99" ForeColor="Black" />
                <HeaderStyle BackColor="#333333" Font-Bold="True"
ForeColor="White" />
                <PagerStyle BackColor="White" ForeColor="Black"
HorizontalAlign="Right" />
                <SelectedRowStyle BackColor="#CC3333" Font-Bold="True"
ForeColor="White" />
                <EmptyDataTemplate>
                    Mail Not available
                </EmptyDataTemplate>
                <Columns>
                    <asp:TemplateField HeaderText="Deleted" >
                        <ItemTemplate>
                            <asp:CheckBox ID="ChbxDelete" AutoPostBack="true"
Checked='<%#Eval("IsDeletedByReciver")%>'>
                                <asp:Label ID="Label1" runat="server"
CssClass='<%#Eval("MessageId")%>'>
                            </ItemTemplate>
                        </asp:TemplateField>
                    <asp:BoundField HeaderText="Sender Mail Id"
DataField="SenderId" SortExpression="SenderId" />
                    <asp:TemplateField HeaderText="Subject" >
                        <ItemTemplate>
                            <asp:LinkButton ID="LbHead"
CommandArgument='<%#Eval("Body")%>'
CommandName='<%#Eval("SenderId")%>'>
                                <asp:Label ID="Label2" runat="server"
Text='<%#Eval("Head")%>'>
                            <OnClientClick="LbHead_Click"></asp:LinkButton>
                        </ItemTemplate>
                    </asp:TemplateField>
                    <asp:BoundField DataField="Date" HeaderText="Date" />
                    <asp:TemplateField HeaderText="Flag" >
                        <ItemTemplate>
                            <asp:CheckBox ID="ChbxFlag" AutoPostBack="true"
Checked='<%#Eval("IsFlag")%>'>
                                <asp:Label ID="Label3" runat="server"
CssClass='<%#Eval("MessageId")%>'>
                            </ItemTemplate>
                        </asp:TemplateField>
                    <asp:BoundField DataField="Body" HeaderText="Body" />
                </Columns>
            </asp:GridView>
        </div>
    </asp:Content>

```

```

        runat="server"
oncheckedchanged="ChbxFlag_CheckedChanged" />
    </ItemTemplate>
</asp:TemplateField>

    </Columns>
</asp:GridView>

</div>
</asp:Content>
<asp:Content ID="Content4" ContentPlaceHolderID="RightSidebarContent"
runat="Server">
    <ul>
        <li>
            <h2>
                Calendar</h2>
            <div id="calendar_wrap">
                <asp:Calendar ID="Calendar1"
runat="server"></asp:Calendar>
            </div>
        </li>
    </ul>
</asp:Content>

```

ASPX CODE :-

```

using System;
using System.Collections.Generic;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Configuration;
using System.Data;
using System.Drawing;

public partial class Mailbox : System.Web.UI.Page
{
    private string ConnectionString;
    private string umailid;
    #region Events
    protected void Page_Load(object sender, EventArgs e)
    {
        if (Session["umame"] == null)
        {
            Server.Transfer("~/Register_Login.aspx");
        }

        umailid = Session["umailid"].ToString();
        string ConfigurrationConnectionName =
"MailConnectionString";
        ConnectionString =
ConfigurationManager.ConnectionStrings[ConfigurrationConnectionName].
ConnectionString;
        SetAllMailBoxLabel();
    }
    protected void lbInbox_Click(object sender, EventArgs e)
    {
        SetInboxMail();
    }
    protected void lbOutBox_Click(object sender, EventArgs e)

```

```

    {
        SetOutboxMail();
    }
protected void lbTrash_Click(object sender, EventArgs e)
{
    SetTrashMail();
}
protected void lbother_Click(object sender, EventArgs e)
{
    SetFlagMail();
}
protected void lbComposemail_Click(object sender, EventArgs e)
{
    Response.Redirect("~/CreateMessage.aspx");
}
protected void LbHead_Click(object sender, EventArgs e)
{
    LinkButton lb = sender as LinkButton;
    Session["head"] = lb.Text;
    Session["Body"] = lb.CommandArgument;
    Session["senderID"] = lb.CommandName;
    Session["Date"] = lb.CssClass;
    Response.Redirect("~/mail.aspx");
}
protected void GVMailList_SelectedIndexChanged(object sender,
EventArgs e)
{
}
protected void ChbxFlag_CheckedChanged(object sender, EventArgs e)
{
    CheckBox cb = sender as CheckBox;
    int MsgId = Convert.ToInt32(cb.CssClass);

    using (SqlConnection con = new
SqlConnection(ConnectionString))
    {
        try
        {
            con.Open();
            string query = string.Format("UPDATE Messages SET
IsFlag ='{0}' Where MessageId='{1}'", cb.Checked, MsgId);
            SqlCommand cmd = new SqlCommand(query, con);
            cmd.ExecuteNonQuery();
            SetInboxMail();
        }
        catch (Exception ex)
        {
            lblMsg.Text = "Error : " + ex.Message;
            lblMsg.ForeColor = Color.Red;
        }
    }
}

protected void ChbxDelete_CheckedChanged(object sender, EventArgs e)
{
    CheckBox cb = sender as CheckBox;
    int MsgId = Convert.ToInt32(cb.CssClass);
}

```

```

        using (SqlConnection con = new
SqlConnection(ConnectionString))
{
    try
    {
        con.Open();
        string query = string.Format("UPDATE Messages SET
IsDeletedByReciver ='{0}' Where MessageId='{1}'", cb.Checked, MsgId);
        SqlCommand cmd = new SqlCommand(query, con);
        cmd.ExecuteNonQuery();
        SetInboxMail();
    }
    catch (Exception ex)
    {
        lblMsg.Text = "Error : " + ex.Message;
        lblMsg.ForeColor = Color.Red;
    }
}
#endregion

#region Property
public int CountInboxMail
{
    get
    {
        int _CountInboxMail=0;
        using (SqlConnection con = new
SqlConnection(ConnectionString))
        {
            con.Open();
            DataSet ds = new DataSet();
            try
            {
                string query = String.Format(" SELECT count(*)
FROM Messages WHERE (ReciverId = '{0}') AND (IsDeletedByReciver = 0)
", umailid);
                SqlCommand cmd = new SqlCommand(query, con);
                SqlDataAdapter da = new SqlDataAdapter(query,
con);
                da.Fill(ds);
                _CountInboxMail = Convert.ToInt32(
ds.Tables[0].Rows[0][0]);
            }
            catch (Exception ex)
            {
                lblMsg.Text = "Error : " + ex.Message;
            }
        }
        return _CountInboxMail;
    }
}

public int CountOutboxMail
{
    get
    {
        int _CountOutboxMail=0;

```

```

        using (SqlConnection con = new
SqlConnection(ConnectionString))
    {
        con.Open();
        DataSet ds = new DataSet();
        try
        {
            string query = String.Format("SELECT Count(*)"
FROM Messages WHERE (SenderId = '{0}') AND (IsDeletedBySender = 0)
", umailid);
            SqlCommand cmd = new SqlCommand(query, con);
            SqlDataAdapter da = new SqlDataAdapter(query,
con);
            da.Fill(ds);
            _CountOutboxMail =
Convert.ToInt32(ds.Tables[0].Rows[0][0]);
        }
        catch (Exception ex)
        {
            lblMsg.Text = "Error : " + ex.Message;
        }
    }
    return _CountOutboxMail;
}
public int CountTrashMail
{
    get
    {
        int _CountTrashMail=0;
        using (SqlConnection con = new
SqlConnection(ConnectionString))
        {
            con.Open();
            DataSet ds = new DataSet();
            try
            {
                string query = String.Format("SELECT Count(*)"
FROM Messages WHERE (ReciverId = '{0}') AND (IsDeletedByReciver =
1)", umailid);
                SqlCommand cmd = new SqlCommand(query, con);
                SqlDataAdapter da = new SqlDataAdapter(query,
con);
                da.Fill(ds);
                _CountTrashMail =
Convert.ToInt32(ds.Tables[0].Rows[0][0]);
            }
            catch (Exception ex)
            {
                lblMsg.Text = "Error : " + ex.Message;
            }
        }
        return _CountTrashMail;
    }
}
public int CountFlagMail
{
    get
    {

```

```

        int _CountFlagMail=0;

        using (SqlConnection con = new
SqlConnection(ConnectionString))
{
    con.Open();
    DataSet ds = new DataSet();
    try
    {
        string query = String.Format("SELECT Count(*)"
FROM Messages WHERE (ReciverId = '{0}') AND (IsDeletedByReciver =
0)AND ( IsFlag=1)", umailid);
        SqlCommand cmd = new SqlCommand(query, con);
        SqlDataAdapter da = new SqlDataAdapter(query,
con);
        da.Fill(ds);
        _CountFlagMail =
Convert.ToInt32(ds.Tables[0].Rows[0][0]);
    }
    catch (Exception ex)
    {
        lblMsg.Text = "Error : " + ex.Message;
    }
}
return _CountFlagMail;
}
#endregion
#region Modules
private DataSet GetInboxMail(string MailID)
{
    SqlConnection con = new SqlConnection(ConnectionString);
    DataSet ds = new DataSet();
    try
    {
        con.Open();
        string query = String.Format(" SELECT * FROM Messages
WHERE (ReciverId = '{0}') AND (IsDeletedByReciver = 0) ORDER BY Date
DESC", MailID);
        SqlCommand cmd = new SqlCommand(query, con);
        SqlDataAdapter da = new SqlDataAdapter(query, con);
        da.Fill(ds);
    }
    catch (Exception ex)
    {
        lblMsg.Text = "Error : " + ex.Message;
    }
    finally
    {
        con.Close();
    }
}

return ds;
}
private DataSet GetOutboxMail(string MailID)
{
    SqlConnection con = new SqlConnection(ConnectionString);
    DataSet ds = new DataSet();

```

```

try
{
    con.Open();
    string query = String.Format("SELECT Messages.* FROM
Messages WHERE (SenderId = '{0}') AND (IsDeletedBySender = 0) ORDER
BY Date DESC", MailID);
    SqlCommand cmd = new SqlCommand(query, con);
    SqlDataAdapter da = new SqlDataAdapter(query, con);
    da.Fill(ds);
}
catch (Exception ex)
{
    lblMsg.Text = "Error : " + ex.Message;
}
finally
{
    con.Close();
}

return ds;
}
private DataSet GetTrashMail(string MailID)
{
    SqlConnection con = new SqlConnection(ConnectionString);
    DataSet ds = new DataSet();

try
{
    con.Open();

    string query = String.Format("SELECT * FROM Messages WHERE
(ReciverId = '{0}') AND (IsDeletedByReciver = 1) ORDER BY Date DESC",
MailID);
    SqlCommand cmd = new SqlCommand(query, con);
    SqlDataAdapter da = new SqlDataAdapter(query, con);
    da.Fill(ds);
}
catch (Exception ex)
{
    lblMsg.Text = "Error : " + ex.Message;
}
finally
{
    con.Close();
}

return ds;
}

private DataSet GetFlagMail(string MailID)
{
    SqlConnection con = new SqlConnection(ConnectionString);
    DataSet ds = new DataSet();

try
{
    con.Open();

```

```

        string query = String.Format("SELECT * FROM Messages
WHERE (ReciverId = '{0}') AND (IsDeletedByReciver = 0)AND ( IsFlag=1)
ORDER BY Date DESC", MailID);
        SqlCommand cmd = new SqlCommand(query, con);
        SqlDataAdapter da = new SqlDataAdapter(query, con);
        da.Fill(ds);

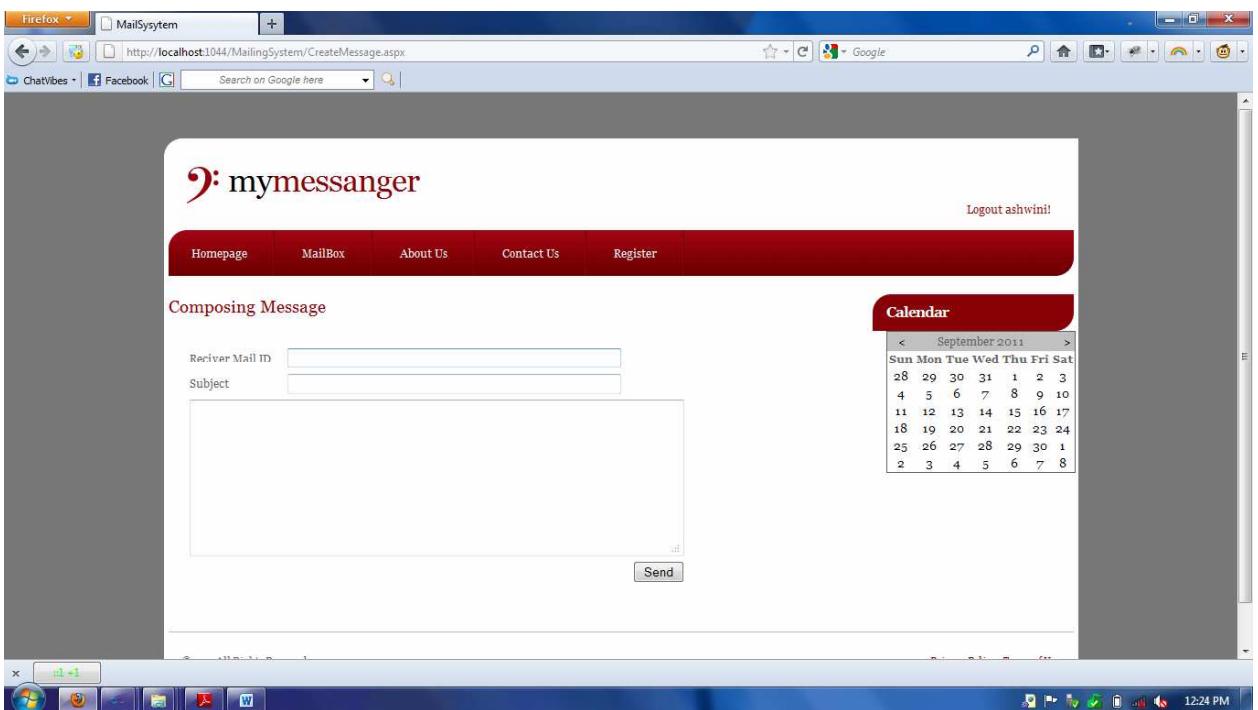
    }
    catch (Exception ex)
    {
        lblMsg.Text = "Error : " + ex.Message;
    }
    finally
    {
        con.Close();
    }

    return ds;
}

private void SetInboxMail()
{
    GVMailList.DataSource = GetInboxMail(umailid);
    GVMailList.DataBind();
    SetAllMailBoxLabel();
    lblHead.Text = "My Inbox";
}
private void SetOutboxMail()
{
    GVMailList.DataSource = GetOutboxMail(umailid);
    GVMailList.DataBind();
    SetAllMailBoxLabel();
    lblHead.Text = "My OutBox";
}
private void SetTrashMail()
{
    GVMailList.DataSource = GetTrashMail(umailid);
    GVMailList.DataBind();
    SetAllMailBoxLabel();
    lblHead.Text = "My Trash Box";
}
private void SetFlagMail()
{
    GVMailList.DataSource = GetFlagMail(umailid);
    GVMailList.DataBind();
    SetAllMailBoxLabel();
    lblHead.Text = "My Flag Mails";
}
private void SetAllMailBoxLabel()
{
    lbInbox.Text = string.Format("Inbox({0})", CountInboxMail);
    lbOutBox.Text = string.Format("OutBox({0})", CountOutboxMail);
    lbFlag.Text = string.Format("Flags({0})", CountFlagMail);
    lbTrash.Text = string.Format("Trash({0})", CountTrashMail);
}

#endregion
}

Create Message :-
```



ASPX Code :-

```

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

<asp:Content ID="Content1" ContentPlaceHolderID="LeftSidebarconaint"
Runat="Server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="HeaderContent"
Runat="Server">
<h1>Composing Message</h1>
</asp:Content>
<asp:Content ID="Content3" ContentPlaceHolderID="BodyContent"
Runat="Server">

    <table width="100%">
        <tr>
            <td colspan="2">
                <asp:Label ID="lblMsg" runat="server"
ForeColor="#990033"></asp:Label>
            </td>
        </tr>
        <tr>
            <td>
                <asp:Label ID="Label3" runat="server" Text="Reciever
Mail ID"></asp:Label>
            </td>
            <td>
                <asp:TextBox ID="txtRMailID" runat="server"
Width="359px"></asp:TextBox>
                <asp:RequiredFieldValidator
ID="RequiredFieldValidator1" runat="server"
ControlToValidate="txtRMailID"
ErrorMessage="* "></asp:RequiredFieldValidator>
            </td>
        </tr>
    </table>

```

```

<tr>
    <td>
        <asp:Label ID="lblHeader" runat="server"
Text="Subject"></asp:Label>
    </td>
    <td>
        <asp:TextBox ID="txtHead" runat="server"
Width="359px"></asp:TextBox>
    </td>
</tr>
<tr>
    <td colspan="2">
        <asp:TextBox ID="txtBody" runat="server"
Height="165px" TextMode="MultiLine"
Width="535px"></asp:TextBox>
    </td>
</tr>
<tr>
    <td>
        &nbsp;</td>
    <td align="right">
        <asp:Button ID="btnSend" runat="server"
onclick="btnSend_Click" Text="Send" />
    </td>
</tr>
</table>

</asp:Content>
<asp:Content ID="Content4" ContentPlaceHolderID="RightSidebarContent"
Runat="Server">
<ul>
    <li>
        <h2>Calendar</h2>
        <div id="calendar_wrap">
            <asp:Calendar ID="Calendar1"
runat="server"></asp:Calendar>
        </div>
    </li>
</ul>
</asp:Content>

```

ASPx Page :

```

using System;
using System.Collections.Generic;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Configuration;
using System.Drawing;

public partial class CreateMessage : System.Web.UI.Page
{
    private string ConnectionString;
    private SqlConnection db;
    protected void Page_Load(object sender, EventArgs e)
    {

```

```

        if (Session["umame"] == null)
        {
            Server.Transfer("~/Register_Login.aspx");
        }
        string ConfigurationConnectionString = "MailConnectionString";
        ConnectionString =
ConfigurationManager.ConnectionStrings[ConfigurationConnectionString].ConnectionString;

        if (!string.IsNullOrEmpty(Request.QueryString["smail"]))
        {
            txtRMailID.Text = Request.QueryString["smail"];
        }
    }
protected void btnSend_Click(object sender, EventArgs e)
{
    if (Session["umailid"] != null)
    {
        SendMessage(Session["umailid"].ToString());
    }
}

void SendMessage(string SenderMailID)
{
    SqlConnection con = new SqlConnection(ConnectionString);
    try
    {
        con.Open();
        string query = string.Format("INSERT INTO Messages(Head,
Body, SenderId, ReciverId, Date)
VALUES('{0}', '{1}', '{2}', '{3}', '{4}')",
txtHead.Text, txtBody.Text, SenderMailID,
txtRMailID.Text, DateTime.Now.ToString());
        SqlCommand cmd = new SqlCommand(query, con);
        if (cmd.ExecuteNonQuery() == 1)
        {
            lblMsg.Text = "Your Mail Has successfully send!";
            lblMsg.ForeColor = Color.Blue;
            ClearControl();
        }
    }
    catch (Exception ex)
    {
        lblMsg.Text = "Error : " + ex.Message;
        lblMsg.ForeColor = Color.Red;
    }
    finally
    {
        con.Close();
    }
}

void ClearControl()
{
    txtRMailID.Text = "";
    txtHead.Text = "";
    txtBody.Text = "";
}
}

```