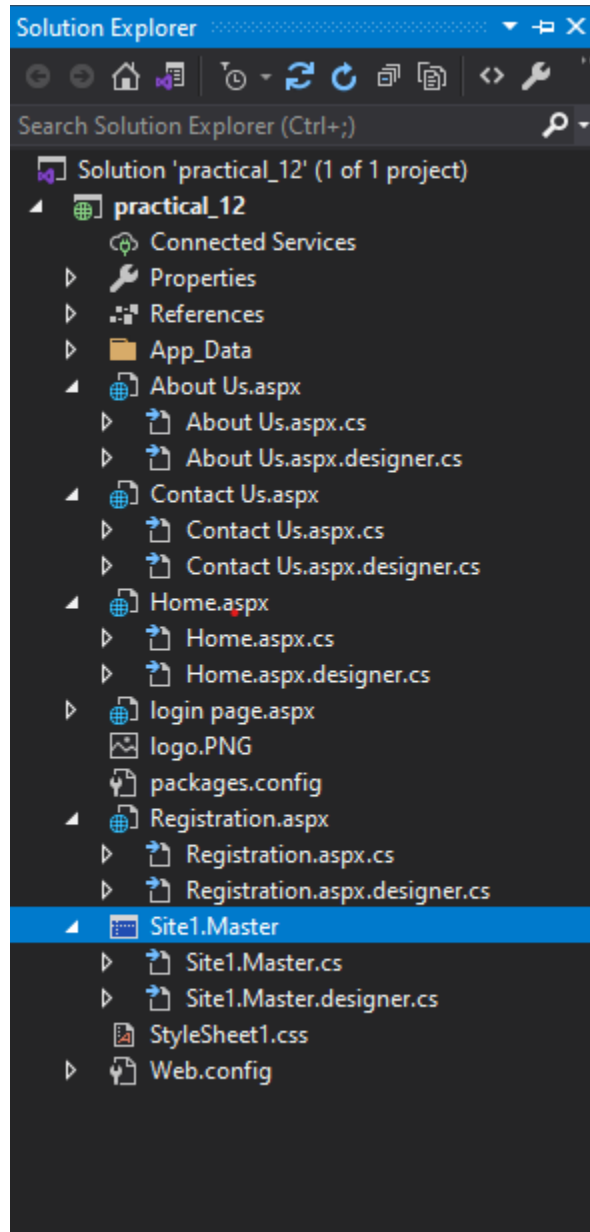


Practical 12

Design & develop ASP.net web application using master & content page.



Site1.Master Code:

```
<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="Site1.master.cs"
Inherits="practical_12.Site1" %>

<!DOCTYPE html>

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

```
<title></title>
<asp:ContentPlaceHolder ID="head" runat="server">
</asp:ContentPlaceHolder>
    <link rel="stylesheet" href="StyleSheet1.css" type="text/css" />
</head>
<body id="master">
    <form id="form1" runat="server">
        <div>
            <div id="uvp">
                <h2 id="h2">UVPCE</h2>
            </div>
</div>
<div id="right">
    <a class="a" href="Home.aspx">Home</a>
    <a class="a" href="Contact Us.aspx">Contact Us</a>
    <a class="a" href="About Us.aspx">About Us</a>
    <a class="a" href="Registration.aspx">Registration</a>
</div>

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

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

Home page Code:

[illegible]

Contact Page Code:

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master"
AutoEventWireup="true" CodeBehind="Contact Us.aspx.cs"
Inherits="practical_12.Contact_Us" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">
    <address>
        Room No:217,<br/>
        G Block,<br/>
```

```

    Ganpat University<br>

</address>

<address>
    <strong>Support:</strong>    <a
href="mailto:xyz123@gmail.com">xyz123@gmail.com</a><br />
    <strong>Mobile No:</strong> <a>9999888771</a>
</address>
<div style="width: 100%">
    <iframe width="100%" height="300" frameborder="0" scrolling="no"
marginheight="0" marginwidth="0"
src="https://maps.google.com/maps?width=100%25&height=300&hl=en&q=g%20
block, ganpat%20university+(Ganpat%20University) &t=&z=14&ie=UTF8&iw
loc=B&output=embed">
        <a href="https://www.gps.ie/marine-gps/">navigation gps</a>
    </iframe>
</div>
</asp:Content>

```

About Page Code:

```

<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master"
AutoEventWireup="true" CodeBehind="About Us.aspx.cs"
Inherits="practical_12.About_Us" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">
    <div id="image">
        <asp:Image ID="Image2" runat="server" Height="74px" Width="124px"
ImageUrl="~/logo.PNG" BorderColor="Black" ImageAlign="Left" />
    </div>

    <br />
    <h2 class="about-our-mission__heading" style="box-sizing: border-box; margin:
4rem 0px 2rem; padding: 0px; border: 0px; font-style: normal; font-variant-
ligatures: normal; font-variant-caps: normal; font-variant-numeric: inherit; font-
variant-east-asian: inherit; font-weight: 700; font-stretch: inherit; font-size:
2rem; line-height: 1.3125em; font-family: AvenirNext, "Helvetica Neue",
Helvetica, Arial, sans-serif; vertical-align: baseline; color: rgb(51, 71, 91);
text-align: center; letter-spacing: normal; orphans: 2; text-indent: 0px; text-
transform: none; white-space: normal; widows: 2; word-spacing: 0px; -webkit-text-
stroke-width: 0px; text-decoration-thickness: initial; text-decoration-style:
initial; text-decoration-color: initial;">Our Mission</h2>

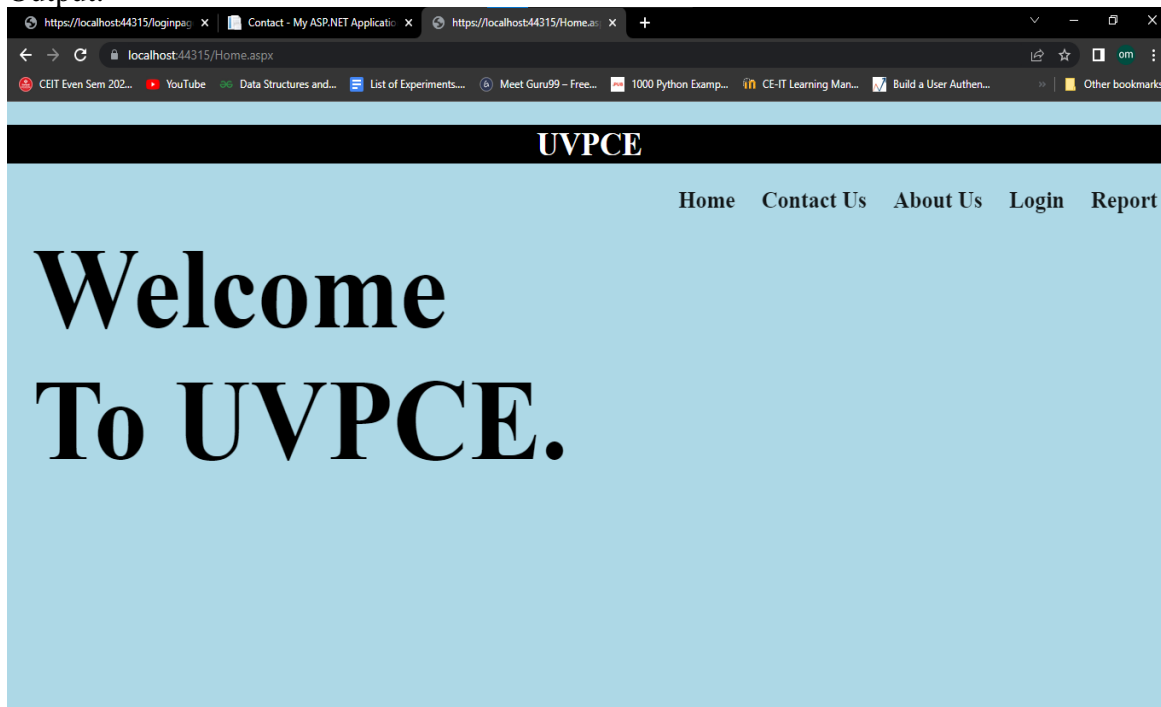
    <p>There's this notion that to grow a business, you have to be ruthless. But
we know there's a better way to grow. One where what's good for the bottom line is
also good for customers. We believe businesses can grow with a conscience, and
succeed with a soul – and that they can do it with inbound. That's why we've
created an ecosystem uniting software, education, and community to help businesses
grow better every day.</p>

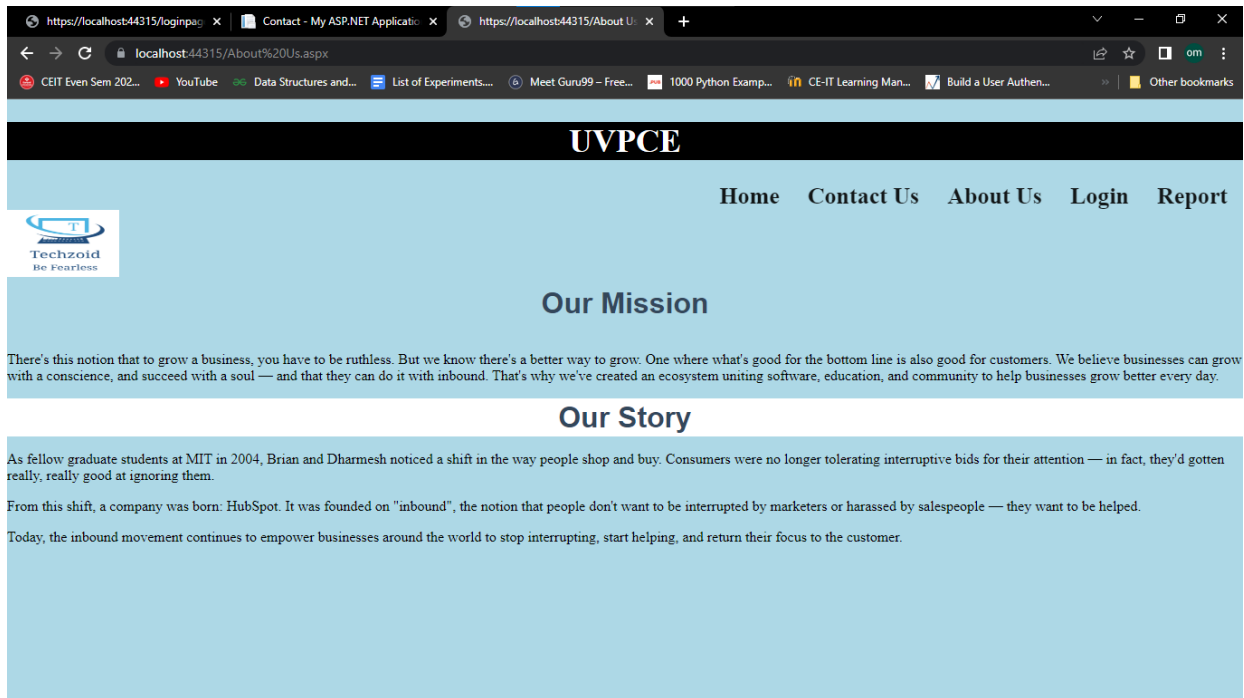
    <h2 class="section-header__header" style="box-sizing: border-box; margin:
0.5em 0px; padding: 0px; border: 0px; font-style: normal; font-variant-ligatures:
normal; font-variant-caps: normal; font-variant-numeric: inherit; font-variant-
east-asian: inherit; font-weight: 700; font-stretch: inherit; font-size: 2rem;
line-height: 1.3125em; font-family: AvenirNext, "Helvetica Neue",

```

```
Helvetica, Arial, sans-serif; vertical-align: baseline; color: rgb(51, 71, 91);
letter-spacing: normal; orphans: 2; text-align: center; text-indent: 0px; text-
transform: none; white-space: normal; widows: 2; word-spacing: 0px; -webkit-text-
stroke-width: 0px; background-color: rgb(255, 255, 255); text-decoration-
thickness: initial; text-decoration-style: initial; text-decoration-color:
initial;">Our Story</h2>
    <p>As fellow graduate students at MIT in 2004, Brian and Dharmesh noticed a
shift in the way people shop and buy. Consumers were no longer tolerating
interruptive bids for their attention – in fact, they'd gotten really, really good
at ignoring them.</p>
    <p>From this shift, a company was born: HubSpot. It was founded on "inbound",
the notion that people don't want to be interrupted by marketers or harassed by
salespeople – they want to be helped.</p>
    <p>Today, the inbound movement continues to empower businesses around the
world to stop interrupting, start helping, and return their focus to the
customer.</p>
    <h3>&nbsp;</h3>
</asp:Content>
```

Output:





Practical 13

AIM:- Create Web Application having Registration Module of User.

1. Design ASP.net web forms for registration using various server controls, ajax and validation controls. Registration form accepts first name, last name, username, password, date of birth, contact no, email, country, state, city and address All the information entry is compulsory. Password should be reconfirmed. Email id should be valid. Username should have at least a capital letter and digit as well as length should be between 7 and 20 characters.
2. Write ADO.net code to insert record of user registration into user table.

Registration.aspx Code:

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="Registration.aspx.cs" Inherits="practical_12.Registration" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
    <style type="text/css">
        .auto-style4 {
            width: 43%;
        }
        .auto-style5 {
            width: 159px;
        }
    </style>
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <center>
        <div id="t1">
            <table class="auto-style4">
                <tr id="enroll">
                    <td class="auto-style5">
                        Enrollment No.
                    </td>
                    <td>
                        <asp:TextBox ID="TextBox1" runat="server" Width="157px"></asp:TextBox>
                    </td>
                </tr>
                <tr id="name">
                    <td class="auto-style5">
                        Name</td>
                    <td>
                        <asp:TextBox ID="TextBox2" runat="server" Width="251px"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td class="auto-style5">
                        Email ID</td>
                    <td>
                        <asp:TextBox ID="TextBox3" runat="server" Width="249px"></asp:TextBox>
                    </td>
                </tr>
                <tr>
                    <td class="auto-style5">
                        Mobail No.</td>
```

[illegible]

```

        </tr>
        <tr>
            <td class="auto-style5">
                State</td>
            <td>
                <asp:TextBox ID="TextBox5" runat="server"></asp:TextBox>
            </td>
        </tr>
        <tr>
            <td class="auto-style5">
                City</td>
            <td>
                <asp:TextBox ID="TextBox6" runat="server"></asp:TextBox>
            </td>
        </tr>
        <tr>
            <td class="auto-style5">
                Country</td>
            <td>
                <asp:TextBox ID="TextBox7" runat="server"></asp:TextBox>
            </td>
        </tr>
        <tr>
            <td class="auto-style5" colspan="2">
                <asp:Button ID="Button1" runat="server" Text="Insert" Height="35px"
Width="66px" OnClick="Button1_Click" />
            </td>
        </tr>
    </table>
</div>
</center>
</asp:Content>

```

Registration.aspx.cs Code:

```

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

namespace practical_12
{
    public partial class Registration : System.Web.UI.Page
    {
        SqlConnection conn = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=E:\sem
4\collge\adt\p12\practical_12\practical_12\App_Data\Database1.mdf;Integrated
Security=True");

        int flage = 0;
        public void validation()
        {
            if (Label1.Visible == true)

```



```
{
    Label1.Visible = false;
}
if (TextBox1.Text == "")
{
    Label1.Text = "enter properly";
    Label1.Visible = true;
    flage = 1;
}

if (TextBox2.Text == "")
{
    Label1.Text = "enter properly";
    Label1.Visible = true;
    flage = 1;
}

if (TextBox3.Text == "")
{
    Label1.Text = "enter properly";
    Label1.Visible = true;
    flage = 1;
}

if (!string.IsNullOrEmpty(TextBox3.Text))
{
    Regex regex = new Regex(@"\w+([-+.] \w+)*@\w+([-.] \w+)*\.\w+([-.] \w+)*");
    if (!regex.IsMatch(TextBox5.Text))
    {
        Label1.Text = "Enter a proper emsil id";
        Label1.Visible = true;
    }
    flage = 1;
}

if (TextBox4.Text == "")
{
    Label1.Text = "enter properly";
    Label1.Visible = true;
    flage = 1;
}

if (!string.IsNullOrEmpty(TextBox4.Text))
{
    Regex regex = new Regex(@"^[6-9]{1}[0-9]{9}$");
    if (!regex.IsMatch(TextBox4.Text))
    {
        Label1.Text = "Enter a proper Mobail No.";
        Label1.Visible = true;
    }
    flage = 1;
}

if (DropDownList1.SelectedIndex == 0)
{
    Label1.Text = "enter properly";
    Label1.Visible = true;
    flage = 1;
}
```

```

    }

    if (DropDownList2.SelectedIndex == 0)
    {
        Label11.Text = "enter properly";
        Label11.Visible = true;
        flage = 1;
    }

    if (TextBox8.Text == "")
    {
        Label11.Text = "enter properly";
        Label11.Visible = true;
        flage = 1;
    }

    if (TextBox5.Text == "")
    {
        Label11.Text = "enter properly";
        Label11.Visible = true;
        flage = 1;
    }

    if (TextBox6.Text == "")
    {
        Label11.Text = "enter properly";
        Label11.Visible = true;
        flage = 1;
    }

    if (TextBox7.Text == "")
    {
        Label11.Text = "enter properly";
        Label11.Visible = true;
        flage = 1;
    }
}
protected void Button1_Click(object sender, EventArgs e)
{
    flage = 0;
    validation();
    conn.Open();
    string g = "#";
    if (RadioButton1.Checked == true)
    {
        g = "Male";
    }
    else
    {
        g = "Female";
    }
    string insert = "insert into
pr13(Enroll_No,Name,Email_Id,Mobail_No,Branch,Sem,Gender,Address,State,City,Country)
values(' + TextBox1.Text + ',' + TextBox2.Text + ',' + TextBox3.Text + ',' +
TextBox4.Text + ',' + DropDownList1.Text + ',' + DropDownList2.Text + ',' + g +
',' + TextBox8.Text + ',' + TextBox5.Text + ',' + TextBox6.Text + ',' +
TextBox7.Text + ')";
    //Response.Write(insert);

```

```

SqlCommand cmd = new SqlCommand(insert, conn);

cmd.ExecuteNonQuery();
conn.Close();
    }
}

```

Output:

Name	Data Type	Allow Nulls	Default
User_name	varchar(50)	<input type="checkbox"/>	
Password	varchar(50)	<input checked="" type="checkbox"/>	
Enroll_no	varchar(50)	<input checked="" type="checkbox"/>	
Name	varchar(50)	<input checked="" type="checkbox"/>	
Email_Id	varchar(50)	<input checked="" type="checkbox"/>	
Mobile_No	varchar(50)	<input checked="" type="checkbox"/>	
Branch	varchar(50)	<input checked="" type="checkbox"/>	
Sem	varchar(50)	<input checked="" type="checkbox"/>	
Gender	varchar(50)	<input checked="" type="checkbox"/>	
Address	varchar(50)	<input checked="" type="checkbox"/>	
State	varchar(50)	<input checked="" type="checkbox"/>	
City	varchar(50)	<input checked="" type="checkbox"/>	
Country	varchar(50)	<input checked="" type="checkbox"/>	
role	varchar(50)	<input type="checkbox"/>	('client')

User_name	Password	Enroll_no	Name	Email_Id	Mobile_No	Branch	Sem	Gender	Address	State	City	Country
harikrushn3007	Dhruvi2270311hk	20012021063	harikrushn cha...	harikrushntalav...	7575899049	Information tec...	sem 4	Male	G block	Gujarat	Surat	India
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL


```

        <asp:BoundField DataField="Country" HeaderText="Country"
SortExpression="Country" />
        <asp:BoundField DataField="role" HeaderText="role"
SortExpression="role" />
    </Columns>

</asp:GridView>

<asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=|DataDirectory|\pr12.mdf;Integ
rated Security=True" ProviderName="System.Data.SqlClient"
SelectCommand="SELECT [User_name], [Password], [Enroll_no], [Name],
[Email_Id], [Mobile_No], [Branch], [Sem], [Gender], [Address], [State],
[City], [Country], [role] FROM [UserTest]"></asp:SqlDataSource>
</asp:Content>

```

Admin.aspx.cs Code:-

```

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

namespace practical_12
{
    public partial class Admin : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
        }

        SqlConnection conn = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=E:\sem
4\collge\adt\p12\practical_12\practical_12\App_Data\pr12.mdf;Integrated
Security=True");

        private void GridViewBind()
        {
            conn.Open();
            string gv = "select * from UserTest";
            SqlCommand gcmd = new SqlCommand(gv, conn);
            DataTable gdt = new DataTable();
            SqlDataAdapter adapter = new SqlDataAdapter(gcmd);
            adapter.SelectCommand = gcmd;
            adapter.Fill(gdt);
            GridView1.DataSource = gdt;
            GridView1.DataBind();
            conn.Close();
        }

        protected void Button2_Click1(object sender, EventArgs e)
        {
        }
    }
}

```

```

        conn.Open();

        string delete = @"delete from UserTest where Enroll_no = '" +
TextBox1.Text + "' ";
        SqlCommand cmd = new SqlCommand(delete, conn);
        if (cmd.ExecuteNonQuery() != 0)
        {
            Response.Write("done");
        }
        conn.Close();
    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        conn.Open();
        string grid = "select * from UserTest where User_Name='" +
TextBox1.Text + "' ";
        SqlDataAdapter da = new SqlDataAdapter(grid, conn);
        DataTable dt = new DataTable();
        da.Fill(dt);
        GridView1.DataSource = dt;
        GridView1.DataBind();
        conn.Close();
    }
}
}

```

Output:-

The screenshot shows a web application interface. At the top, there's a navigation bar with the text 'UVPCE' and links for 'Home', 'Contact Us', 'About Us', 'Login', and 'Report'. Below this is a search section with a label 'Enrollment No', an input field, and 'Search' and 'Delete' buttons. A table below the search section displays user information. The table has 14 columns: User_name, Password, Enroll_no, Name, Email_Id, Mobile_No, Branch, Sem, Gender, Address, State, City, Country, and role. The first row of data shows a user named 'harikrushn3007' with a password 'Dhruvi2270311hk', enrollment number '20012021063', name 'harikrushn chandubhai talaviya', email 'harikrushntalaviya3007@gmail.com', mobile number '7575899049', branch 'Information technology', sem '4', gender 'Male', address 'G block', state 'Gujarat', city 'Surat', country 'India', and role 'admin'.

User_name	Password	Enroll_no	Name	Email_Id	Mobile_No	Branch	Sem	Gender	Address	State	City	Country	role
harikrushn3007	Dhruvi2270311hk	20012021063	harikrushn chandubhai talaviya	harikrushntalaviya3007@gmail.com	7575899049	Information technology	sem 4	Male	G block	Gujarat	Surat	India	admin

Practical 15

Add Login Module in Web Application created in Practical 13.

Develop Login Module of admin and user by checking username and password using database. If user has entered correct login credentials then store the information into session and redirect user to welcome page and display welcome message.

Logon.aspx Code:-

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master"
AutoEventWireup="true" CodeBehind="loginpage.aspx.cs"
Inherits="practical_12.loginpage" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">

    <div class="login">
        <asp:Label ID="Label1" runat="server" Text="User Name"></asp:Label>
        <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br>
        <br>
        <asp:Label ID="Label2" runat="server" Text="Password"></asp:Label>
        <asp:TextBox Style="margin-left: 11px;" ID="TextBox2"
runat="server"></asp:TextBox><br>
        <br>
        <asp:Button Style="margin-left: 77px;" ID="Button1" runat="server"
Text="Login" OnClick="Button1_Click" />
    </div>
    <div class="create">
        <p>Not Registered yet? <a href="Registration.aspx">Create an
Account</a> </p>
    </div>
</asp:Content>
```

Login.aspx.cs Code:-

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

namespace practical_12
{
    public partial class loginpage : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }
    }
}
```

```

        SqlConnection conn = new SqlConnection(@"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=E:\sem
4\collge\adt\p12\practical_12\practical_12\App_Data\pr12.mdf;Integrated
Security=True;Connect Timeout=30");

        protected void Button1_Click(object sender, EventArgs e)
        {
            String u = TextBox1.Text;
            String p = TextBox2.Text;

            string u1 = "#";
            string p1 = "#";
            string u2 = "#";
            string p2 = "#";
            string role;

            conn.Open();
            string user = @"select * from UserTest where User_name='" +
            TextBox1.Text + "' ";
            SqlCommand cmd = new SqlCommand(user, conn);
            SqlDataReader dr = cmd.ExecuteReader();
            if (dr.Read())
            {
                u1 = dr.GetValue(0).ToString();
                p1 = dr.GetValue(1).ToString();
                role = dr.GetValue(13).ToString();
                if (u1 == TextBox1.Text && p1 == TextBox2.Text)
                {
                    if (role == "client")
                    {
                        Response.Redirect("Home.aspx");
                    }
                    else if (role == "admin")
                    {
                        Response.Write("dvsvdsvd");
                        Response.Redirect("Admin.aspx");
                    }
                }
                else
                {
                    Response.Write("<script>alert('UserName and Password
Wrong!')</script>");
                }
            }
        }
    }

```


Output:-

