Assignment- 16

Q 1. Create a ASP.NET website for college management system that allows student registration, login and search for particular student name wise or mail wise.

Registration.aspx

```
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="registration.aspx.vb"
Inherits="collegeManagement.registration" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Registration</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Label ID="Label6" runat="server" Text="Registration Form" Font-
Size="XX-Large"></asp:Label><br /><br />
            <asp:Label ID="Label1" runat="server" Text="Name"></asp:Label>
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label2" runat="server" Text="Email"></asp:Label>
            <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label3" runat="server" Text="Password"></asp:Label>
            <asp:TextBox ID="TextBox3" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label5" runat="server" Text="Address"></asp:Label>
            <asp:TextBox ID="TextBox5" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label4" runat="server" Text="Phone"></asp:Label>
            <asp:TextBox ID="TextBox4" runat="server"></asp:TextBox><br />
            Aleady have an account?<asp:HyperLink ID="HyperLink1" runat="server"
NavigateUrl="~/login.aspx">Login here</asp:HyperLink>
            <asp:Button ID="Button1" runat="server" Text="Register"
OnClick="Button1_Click" />
        </div>
    </form>
</body>
</html>
```

Registration.aspx.vb

```
Imports System.Data.OleDb
Public Class registration
    Inherits System.Web.UI.Page
    Protected Sub Button1_Click(sender As Object, e As EventArgs)
        Dim conn As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\mansi\OneDrive\Pictures\문서\collegeDB.mdb")
        Dim cmd As New OleDbCommand("insert into table1 values('" & TextBox1.Text
& "','" & TextBox2.Text & "','" & TextBox3.Text & "','" & TextBox4.Text & "','" &
TextBox5.Text & "')", conn)
        conn.Open()
        cmd.ExecuteNonQuery()
        conn.Close()
        Response.Redirect("~/login.aspx")
    End Sub
End Class
```

Name: Mansi Prasad

Login.aspx

```
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="login.aspx.vb"
Inherits="collegeManagement.login" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Login form</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Label ID="Label3" runat="server" Text="Login Form" Font-
Size="XX-Large"></asp:Label><br /><br />
            <asp:Label ID="Label1" runat="server" Text="Email"></asp:Label>
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label2" runat="server" Text="Password"></asp:Label>
            <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox><br />
            <asp:Button ID="Button1" runat="server" Text="Button"
OnClick="Button1_Click" />
        </div>
    </form>
</body>
</html>
```

Login.aspx.vb

```
Imports System.Data.OleDb
Public Class login
    Inherits System.Web.UI.Page
    Protected Sub Button1_Click(sender As Object, e As EventArgs)
        Dim conn As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\mansi\OneDrive\Pictures\문서\collegeDB.mdb")
        Dim cmd As New OleDbCommand("select * from table1", conn)
        conn.Open()
        Dim reader As OleDbDataReader = cmd.ExecuteReader()
        Dim email As String = TextBox1.Text
        Dim pass As String = TextBox2.Text
        While reader.Read()
            Dim emaill As String = reader("email").ToString()
            Dim Password As String = reader("password").ToString()
            If email = emaill And pass = Password Then
                conn.Close()
                Response.Redirect("~/search.aspx")
            Else
                MsgBox("invalid user")
                Continue While
            End If
        End While
        conn.Close()
    End Sub
End Class
```

Search.aspx

```
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="search.aspx.vb"
Inherits="collegeManagement.search" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Search Student</title>
```

Name: Mansi Prasad

```html
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Label ID="Label1" runat="server" Text="Search students by their
name and email"></asp:Label><br /><br />
            <asp:Label ID="Label2" runat="server" Text="Search By Name:
"></asp:Label>
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label5" runat="server" Text="OR" Font-Bold="true"
Font-Size="Larger"></asp:Label><br />
            <asp:Label ID="Label3" runat="server" Text="Seacrh By Email:
"></asp:Label>
            <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox><br />
            <asp:Button ID="Button1" runat="server" Text="Search"
OnClick="Button1_Click" />
            <asp:GridView ID="GridView1" runat="server"></asp:GridView>
        </div>
    </form>
</body>
</html>
```
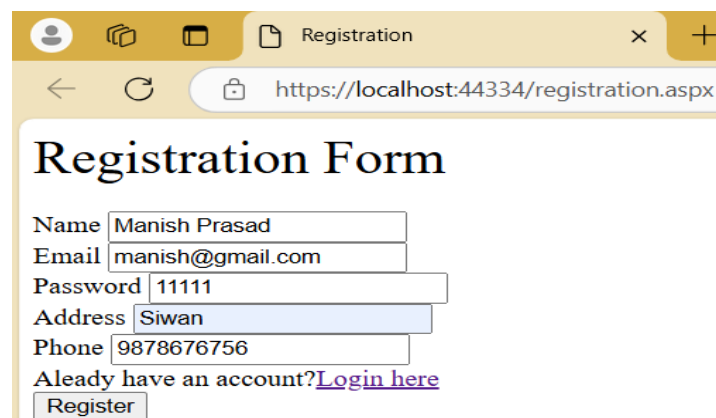
Search.aspx.vb

```vb
Imports System.Data.OleDb
Imports System.Data
Public Class search
    Inherits System.Web.UI.Page
    Protected Sub Button1_Click(sender As Object, e As EventArgs)
        Dim conn As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\mansi\OneDrive\Pictures\문서\collegeDB.mdb")
        Dim dts As New DataSet
        conn.Open()
        Dim cmd As New OleDbCommand("select * from table1 where name='" &
TextBox1.Text & "' or email ='" & TextBox2.Text & "' ", conn)
        cmd.ExecuteNonQuery()
        Dim view As New OleDbDataAdapter()
        view.SelectCommand = cmd
        Dim tab As New DataTable
        view.Fill(tab)
        GridView1.DataSource = tab
        GridView1.DataBind()
        conn.Close()
    End Sub
End Class
```

Output: -

Login Form

Email manish@gmail.com
Password 11111

Button

Search students by their name and email

Search By Name: Mansi Prasad
OR
Seacrh By Email:

Search

name	email	password	address	phone
Mansi prasad	mk@gmail.com	@647	9546489077	vapi

Search students by their name and email

Search By Name:
OR
Seacrh By Email: mohit@gmail.com

Search

name	email	password	address	phone
Mohit Shah	mohit@gmail.com	1111	9898876756	Siwan

Assignment- 17
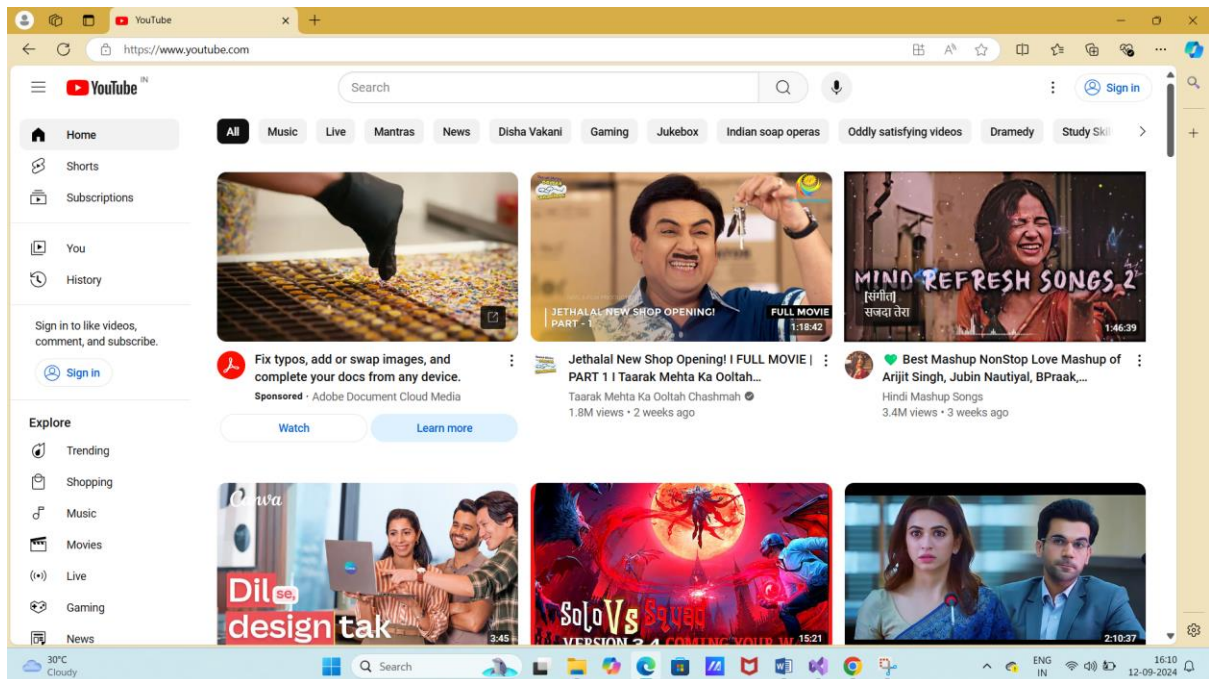
Q 1. create website use AdRotator

Control?

Default.aspx

```
<%@ Page Language="vb" AutoEventWireup="false"
CodeBehind="default.aspx.vb" Inherits="adrotator._default" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Adrotator</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:AdRotator ID="AdRotator1" runat="server"
height="300px" Width="300px"
            AdvertisementFile="~/XMLFile1.xml" />
        </div>
    </form>
</body>
</html>
```
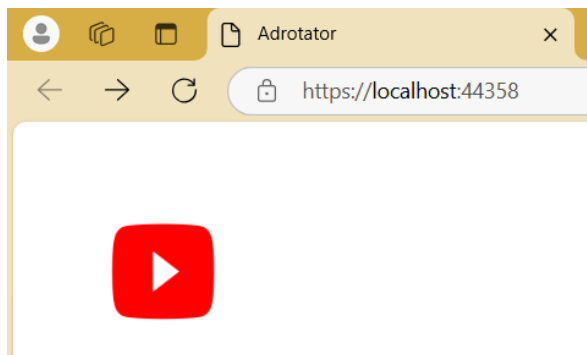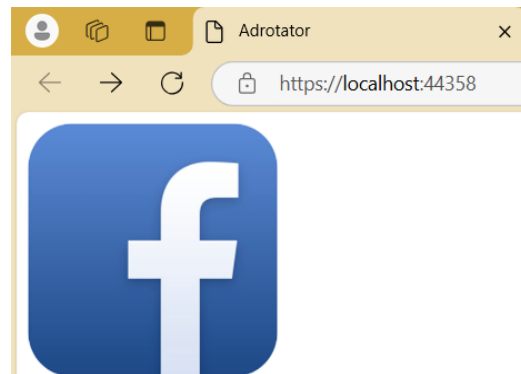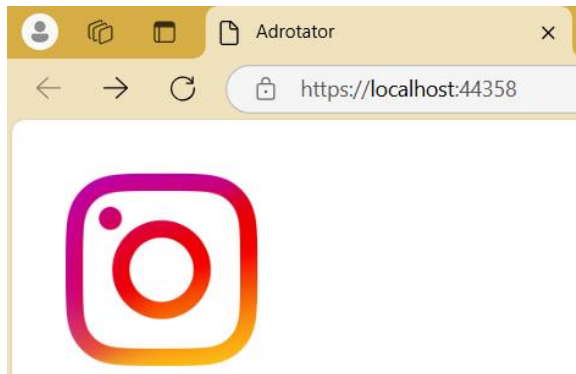
XMLfile1.xml

```
<?xml version="1.0" encoding="utf-8" ?>
<Advertisements>
    <Ad>
        <ImageUrl>images/insta.png</ImageUrl>
        <NavigateUrl>https://www.instagram.com/</NavigateUrl>
        <Impressions>8</Impressions>
    </Ad>
    <Ad>
        <ImageUrl>images/youtube.png</ImageUrl>
        <NavigateUrl>https://www.youtube.com/</NavigateUrl>
        <Impressions>8</Impressions>
    </Ad>
    <Ad>
        <ImageUrl>images/facebook.png</ImageUrl>
        <NavigateUrl>
            https://www.facebook.com/
        </NavigateUrl>
        <Impressions>10</Impressions>
    </Ad>
</Advertisements>
```

Name: Mansi Prasad

Output: -

Name: Mansi Prasad

Assignment- 18

Q 1. Create web Page for exception handling use Structured Way?

Source code : -

Default.aspx.vb

```vb
Imports System.Reflection.Emit
Public Class _default
    Inherits System.Web.UI.Page
    Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
        Try
            Dim n1 As Integer = 199989
            Dim n2 As Integer = 0
            Dim result As Integer = n1 / n2
            Label1.Text = "Operation successful. Result: " &
result.ToString() & "<br/>"
        Catch ex As DivideByZeroException
            Label1.Text = "Error: Cannot divide by zero. " &
ex.Message & "<br/>"
        Catch ex As Exception
            Label1.Text = "An unexpected error occurred: " &
ex.Message & "<br/>"
        Finally
            Label1.Text &= " – Finally block executed."
        End Try
    End Sub
End Class
```

Output: -

Name: Mansi Prasad
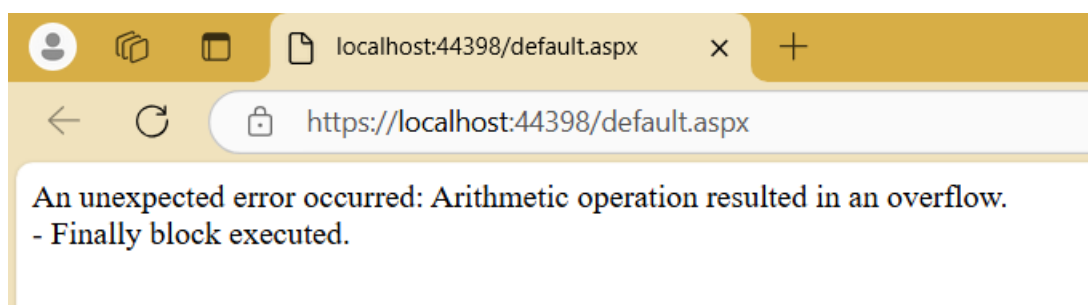
Assignment- 19

Q 1. Develop a website for movie ticket booking. Provide facility to user like registration,login,ticket booking and view ticket.

Login.aspx

```
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="login.aspx.vb"
Inherits="movieTicket.login" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Login for movie booking</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Label ID="Label1" runat="server" Text="Login page" Font-
Size="XX-Large"></asp:Label><br /><br />
            <asp:Label ID="Label2" runat="server" Text="Email: "></asp:Label>
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label3" runat="server" Text="Password: "></asp:Label>
            <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox><br />
            Haven't account yet?<asp:HyperLink ID="HyperLink1" runat="server"
NavigateUrl="~/registration.aspx">register here..</asp:HyperLink>
            <asp:Button ID="Button1" runat="server" Text="Login"
OnClick="Button1_Click" />
        </div>
    </form>
</body>
</html>
```

Login.aspx.vb

```
Imports System.Data.OleDb
Public Class login
    Inherits System.Web.UI.Page
    Protected Sub Button1_Click(sender As Object, e As EventArgs)
        Dim conn As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\mansi\OneDrive\Pictures\문서\movie.mdb")
        conn.Open()
        Dim cmd As New OleDbCommand("select * from table1", conn)
        Dim reader As OleDbDataReader = cmd.ExecuteReader()
        While reader.Read()
            Dim name As String = reader("email").ToString
            Dim pass As String = reader("password").ToString
            If TextBox1.Text = name And TextBox2.Text = pass Then
                Response.Redirect("booking.aspx")
            Else
                MsgBox("Invalid user plz sign up or try again later")
            End If
        End While
    End Sub
End Class
```

register.aspx

```
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="registration.aspx.vb"
Inherits="movieTicket.registration" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
```

Name: Mansi Prasad

```html
<head runat="server">
    <title>Registration page</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Label ID="Label6" runat="server" Text="Registration page" Font-Size="XX-Large"></asp:Label><br /><br />
            <asp:Label ID="Label1" runat="server" Text="Username"></asp:Label>
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label2" runat="server" Text="Email"></asp:Label>
            <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label3" runat="server" Text="Password"></asp:Label>
            <asp:TextBox ID="TextBox3" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label4" runat="server" Text="City"></asp:Label>
            <asp:TextBox ID="TextBox4" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label5" runat="server" Text="Phone"></asp:Label>
            <asp:TextBox ID="TextBox5" runat="server"></asp:TextBox><br />
            <asp:Button ID="Button1" runat="server" Text="Register" OnClick="Button1_Click" />
        </div>
    </form>
</body>
</html>
```

register.aspx.vb

```vb
Imports System.Data.OleDb
Public Class registration
    Inherits System.Web.UI.Page
    Protected Sub Button1_Click(sender As Object, e As EventArgs)
        Dim conn As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Users\mansi\OneDrive\Pictures\문서\movie.mdb")
        conn.Open()
        Dim cmd As New OleDbCommand("insert into table1 values('" & TextBox1.Text & "','" & TextBox2.Text & "','" & TextBox3.Text & "','" & TextBox4.Text & "','" & TextBox5.Text & "')", conn)
        cmd.ExecuteNonQuery()
        Response.Redirect("login.aspx")
        conn.Close()
    End Sub
End Class
```

Booking.aspx

```html
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="booking.aspx.vb" Inherits="movieTicket.booking" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Booking page</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
        <asp:Label ID="Label1" runat="server" Text="ShowName"></asp:Label>
        <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br />
        <asp:Label ID="Label2" runat="server" Text="Show Date And time"></asp:Label>
        <asp:TextBox ID="TextBox2" runat="server" TextMode="DateTimeLocal"></asp:TextBox><br /><br />
        <asp:Label ID="Label4" runat="server" Text="location"></asp:Label>
        <asp:TextBox ID="TextBox4" runat="server"></asp:TextBox><br />
```

Name: Mansi Prasad

```
        <asp:Label ID="Label5" runat="server" Text="number of seats"></asp:Label>
        <asp:TextBox ID="TextBox5" runat="server"></asp:TextBox><br /><br />
            <asp:Button ID="Button1" runat="server" Text="Book"
OnClick="Button1_Click" />
            <asp:Button ID="Button2" runat="server" Text="View Ticket"
OnClick="Button2_Click" />
        </div>
    </form>
</body>
</html>
```

Booking.aspx.vb

```
Imports System.Data.OleDb
Public Class booking
    Inherits System.Web.UI.Page
    Protected Sub Button1_Click(sender As Object, e As EventArgs)
        Dim conn As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\mansi\OneDrive\Pictures\문서\movie.mdb")
        conn.Open()
        Dim datee As String = TextBox2.Text
        Dim timee As String = TextBox2.Text
        timee = timee.Substring(11)
        Label2.Text = timee
        datee = datee.Substring(0, 10)
        Dim cmd As New OleDbCommand("insert into table2 values('" & TextBox1.Text
& "','" & datee & "','" & timee & "','" & TextBox4.Text & "','" & TextBox5.Text &
"') ", conn)
        cmd.ExecuteNonQuery()
        conn.Close()
    End Sub

    Protected Sub Button2_Click(sender As Object, e As EventArgs)
        Response.Redirect("~/showticket.aspx")
    End Sub
End Class
```

Showticket.aspx

```
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="showticket.aspx.vb"
Inherits="movieTicket.showticket" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>View Tickets</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <h1>View Booked Tickets</h1>
            <asp:GridView ID="GridView1" runat="server"
AutoGenerateColumns="False" DataKeyNames="show_name"
DataSourceID="SqlDataSource1">
                <Columns>
                    <asp:BoundField DataField="show_name" HeaderText="show_name"
ReadOnly="True" SortExpression="show_name"></asp:BoundField>
                    <asp:BoundField DataField="date" HeaderText="date"
SortExpression="date"></asp:BoundField>
                    <asp:BoundField DataField="time" HeaderText="time"
SortExpression="time"></asp:BoundField>
                    <asp:BoundField DataField="location" HeaderText="location"
SortExpression="location"></asp:BoundField>
```

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```
                    <asp:BoundField DataField="no_of_tickets"
HeaderText="no_of_tickets" SortExpression="no_of_tickets"></asp:BoundField>
                </Columns>
            </asp:GridView>
            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="<%$ ConnectionStrings:ConnectionString %>" ProviderName="<%$
ConnectionStrings:ConnectionString.ProviderName %>" SelectCommand="SELECT * FROM
[Table2]"></asp:SqlDataSource>
        </div>
    </form>
</body>
</html>
```

Output: -

Name: Mansi Prasad

Assignment- 20

Q 1. Develop online shopping module using .NET for Admin in which admin can Add or update items from item list available in database. Also provide a facility to view all the available items to the Admin.

Item.aspx

```
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="Item.aspx.vb"
Inherits="shopping.Item" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:Label ID="Label1" runat="server" Text="Online shopping module"
Font-Size="XX-Large"></asp:Label><br /><br />
            <asp:Label ID="Label2" runat="server" Text="Item ID"></asp:Label>
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label3" runat="server" Text="Name"></asp:Label>
            <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label4" runat="server" Text="Brand"></asp:Label>
            <asp:TextBox ID="TextBox3" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label5" runat="server" Text="Price"></asp:Label>
            <asp:TextBox ID="TextBox4" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label6" runat="server" Text="Stock"></asp:Label>
            <asp:TextBox ID="TextBox5" runat="server"></asp:TextBox><br /><br />
            <asp:Button ID="Button1" runat="server" Text="Add Item"
OnClick="Button1_Click" />
            <asp:Button ID="Button2" runat="server" Text="Update Item"
OnClick="Button2_Click" />
            <asp:Button ID="Button3" runat="server" Text="View Items"
OnClick="Button3_Click" />
        </div>
    </form>
</body>
</html>
```

Item.aspx.vb

```
Imports System.Data.OleDb
Public Class Item
    Inherits System.Web.UI.Page
    Dim conn As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\mansi\OneDrive\Pictures\문서\shoppingDB.mdb")
    Protected Sub Button1_Click(sender As Object, e As EventArgs)
        conn.Open()
        Dim cmd As New OleDbCommand("insert into table1 values(" & TextBox1.Text
& ",'" & TextBox2.Text & "','" & TextBox3.Text & "' ,'" & TextBox4.Text & "','" &
TextBox5.Text & "')", conn)
        cmd.ExecuteNonQuery()
        conn.Close()
    End Sub
    Protected Sub Button2_Click(sender As Object, e As EventArgs)
        conn.Open()
```

Name: Mansi Prasad

```vb
        Dim cmd As New OleDbCommand("update table1 set item_name='" &
TextBox2.Text & "', brand='" & TextBox3.Text & "', price='" & TextBox4.Text & "'
, stock='" & TextBox5.Text & "' WHERE item_id=" & TextBox1.Text & " ", conn)
        cmd.ExecuteNonQuery()
        conn.Close()
    End Sub
    Protected Sub Button3_Click(sender As Object, e As EventArgs)
        Response.Redirect("viewItems.aspx")
    End Sub
End Class
```

viewItems.aspx

```aspx
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="viewItems.aspx.vb"
Inherits="shopping.viewItems" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:GridView ID="GridView1" runat="server"
DataSourceID="SqlDataSource1"></asp:GridView>
            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="<%$ ConnectionStrings:ConnectionString %>" ProviderName="<%$
ConnectionStrings:ConnectionString.ProviderName %>" SelectCommand="SELECT * FROM
[Table1]"></asp:SqlDataSource>
        </div>
    </form>
</body>
</html>
```
Output: -

Name: Mansi Prasad

Assignment- 21

Q 1. Develop e-commerce website for shoes. Use session and Cookies. Provide facilities to user like login and order product.

Login.aspx

```
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="login.aspx.vb"
Inherits="e_commerce_shoes.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <h2>Login</h2>
            <asp:Label ID="Label1" runat="server" Text="Email"></asp:Label>
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label2" runat="server" Text="Password"></asp:Label>
            <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox><br />
            <asp:Button ID="Button1" runat="server" Text="Login"
OnClick="Button1_Click" />
        </div>
    </form>
</body>
</html>
```

Login.aspx.vb

```
Imports System.Data.OleDb
Imports Microsoft.VisualBasic.ApplicationServices
Imports System.Web
Imports System.Web.SessionState
Imports System.Web.HttpRequest
Public Class WebForm1
    Inherits System.Web.UI.Page
    Dim conn As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\mansi\OneDrive\Pictures\문서\shoesDB.mdb")
    Dim c As New HttpCookie("userinfo")
    Protected Sub Button2_Click(sender As Object, e As EventArgs)
        Dim cmd As New OleDbCommand("select * from usertb", conn)
        Try
            Dim emaill As String = TextBox1.Text
            Dim password As String = TextBox2.Text
            conn.Open()
            Using reader As OleDbDataReader = cmd.ExecuteReader()
                While reader.Read()
                    Dim Email As String = reader("email").ToString()
                    Dim upassword As String = reader("Password").ToString()
                    Dim user_id As String = reader("ID").ToString
                    If ((emaill = Email) And (password = upassword)) Then
                        Session("Email") = Email
                        Session("Password") = upassword
                        c.Values.Add("userID", user_id)
                        Response.Cookies.Add(c)
                        Response.Redirect("~/products.aspx")
                    Else
```

Name: Mansi Prasad

```vb
                        Response.Write("Please enter valid username and
password")
                        Exit While
                    End If
                End While
            End Using
        Catch ex As Exception
            Response.Write("An error occured: " & ex.Message)
        Finally
            conn.Close()
            Response.Write("finally")
        End Try
    End Sub
End Class
```

Products.aspx

```aspx
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="products.aspx.vb"
Inherits="e_commerce_shoes.products" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Product details</title>
    <style>
        .product-container{
            display:flex;
            align-items:center;
            justify-content:center;
        }
        .item{
            border: 1px solid black;
            padding:30px;
            margin:10px;
        }
        img{
            height:200px;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <div class="product-container">
                <asp:Repeater ID="rptProducts" runat="server"
DataSourceID="SqlDataSource1" OnItemCommand="rptProducts_ItemCommand">
                    <ItemTemplate>
                        <div class="item">
                            <h3><%# Eval("ID") %></h3>
                            <img src='<%# Eval("image") %>' alt='<%# Eval("name") %>'
/>
                            <h3><%# Eval("name") %></h3>
                            <p>Price: <%# Eval("price", "{0:C}") %></p>
                        <asp:Button ID="Button1" runat="server" Text="Buy now"
CommandArgument='<%# Eval("ID") %>'  CommandName="BuyNow"/>
                        </div>
                    </ItemTemplate>
                </asp:Repeater>
            </div>
            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="<%$ ConnectionStrings:ConnectionString %>" ProviderName="<%$
ConnectionStrings:ConnectionString.ProviderName %>" SelectCommand="SELECT * FROM
[product]"></asp:SqlDataSource>
        </div>
```

Name: Mansi Prasad

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

Products.aspx.vb

```vb
Imports System.Data.OleDb
Imports System.Web.HttpRequest
Public Class products
    Inherits System.Web.UI.Page
    Dim conn As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\mansi\OneDrive\Pictures\문서\shoesDB.mdb")
    Protected Sub rptProducts_ItemCommand(source As Object, e As
RepeaterCommandEventArgs)
        If e.CommandName = "BuyNow" Then
            Dim productId As String = e.CommandArgument.ToString()
            Response.Redirect("~/order_form.aspx?PID= " + productId)
        End If
    End Sub
End Class
```

Order_form.aspx

```aspx
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="order_form.aspx.vb"
Inherits="e_commerce_shoes.WebForm2" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <style>
        .con{
            display:flex;
            justify-content:center;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server">
        <div class="con">
        <div>
            <h3>Fill order details</h3>
            <asp:Label ID="Label1" runat="server" Text="Quantity of product:
"></asp:Label>
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label2" runat="server" Text="Address: "></asp:Label>
            <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox><br />
            <asp:Button ID="Button1" runat="server" Text="BUY"
OnClick="Button1_Click" />
        </div>
            <asp:HyperLink runat="server"
NavigateUrl="logout.aspx">Logout</asp:HyperLink>
</div>
    </form>
</body>
</html>
```

Order_form.aspx.vb

```vb
Imports System.Data.OleDb
Imports System.Web.HttpRequest
Public Class WebForm2
```
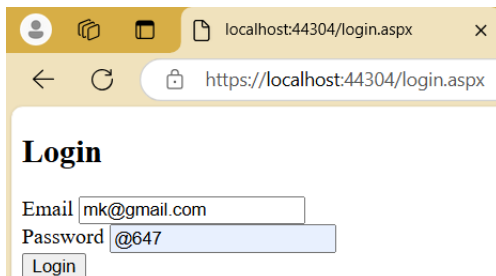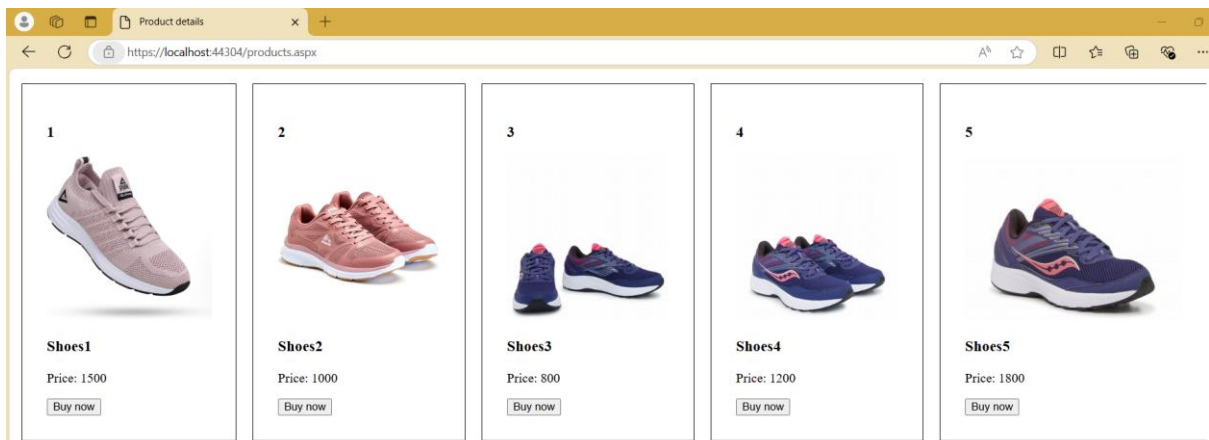
Name: Mansi Prasad

```
    Inherits System.Web.UI.Page
    Dim conn As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\mansi\OneDrive\Pictures\문서\shoesDB.mdb")
    Protected Sub Button1_Click(sender As Object, e As EventArgs)
        Dim myCookie As HttpCookie = Request.Cookies("userinfo")
        Dim pid As Integer = Request.QueryString("PID")
        Dim userid As Integer = Request.Cookies("userinfo")("userID")
        Dim cmd As New OleDbCommand("insert into
order(user_id,product_id,quantity,date,address) values(" & userid & "," & pid &
"," & TextBox1.Text & ",'" & DateTime.Now.ToString("f") & "','" & TextBox2.Text &
"')", conn)
        conn.Open()
        cmd.ExecuteNonQuery()
        conn.Close()
    End Sub
End Class
```

Output: -

Name: Mansi Prasad

Assignment- 22

Q 1. Develop website using ASP.NET to keep track of visitors in an amusement park which stores visitors details like name, time of visit, date of visit, contact no , Etc. also provide report in form of list of all visitors on given date or before given dates.

Default.aspx

```
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="default.aspx.vb"
Inherits="visitors._default" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <h3>Visitors Details</h3>
            <asp:Label ID="Label1" runat="server" Text="Name"></asp:Label> &nbsp
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label2" runat="server" Text="Enter date and
Time"></asp:Label>
<asp:TextBox ID="TextBox2" runat="server"
TextMode="DateTimeLocal"></asp:TextBox><br />          <asp:Label ID="Label4"
runat="server" Text="Contact Number"></asp:Label> &nbsp
            <asp:TextBox ID="TextBox3" runat="server"
TextMode="Phone"></asp:TextBox><br /><br />
            <asp:Button ID="Button1" runat="server" Text="Submit details"
OnClick="Button1_Click" />
            <asp:Button ID="Button2" runat="server" Text="Generate Report"
OnClick="Button2_Click" />
        </div>
    </form>
</body>
</html>
```
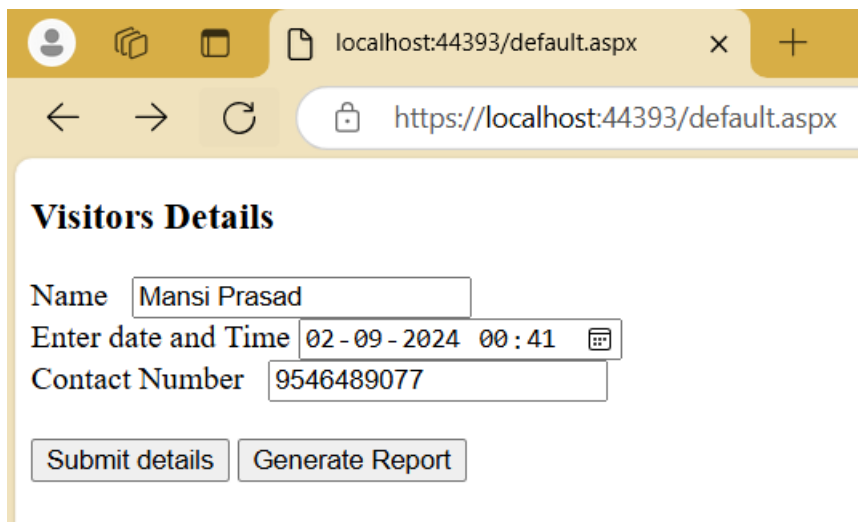
Default.aspx.vb

```
Imports System.Data.OleDb
Public Class _default
    Inherits System.Web.UI.Page
    Dim conn As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\mansi\OneDrive\Pictures\문서\visitors.mdb")
    Protected Sub Button1_Click(sender As Object, e As EventArgs)
        Dim datee As String = TextBox2.Text
        Dim dates As String = datee.Substring(0, 10)
        Dim times As String = datee.Substring(11)
        Dim dt As New DataTable
        Dim adapter As New OleDbDataAdapter
        conn.Open()
        Dim cmd As New OleDbCommand("insert into table1(name, visit_time,
visit_date, contact) values('" & TextBox1.Text & "' , '" & times & "','" & dates
& "', '" & TextBox3.Text & "')", conn)
        cmd.ExecuteNonQuery()
        conn.Close()
    End Sub
    Protected Sub Button2_Click(sender As Object, e As EventArgs)
```

<div align="right">Name: Mansi Prasad</div>

```
        Response.Redirect("report.aspx")
    End Sub
End Class
```

Report.aspx

```
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="report.aspx.vb"
Inherits="visitors.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:GridView ID="GridView1" runat="server"
DataSourceID="SqlDataSource1"></asp:GridView>
            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="<%$ ConnectionStrings:ConnectionString %>" ProviderName="<%$
ConnectionStrings:ConnectionString.ProviderName %>" SelectCommand="SELECT * FROM
[Table1]"></asp:SqlDataSource>
        </div>
    </form>
</body>
</html>
```
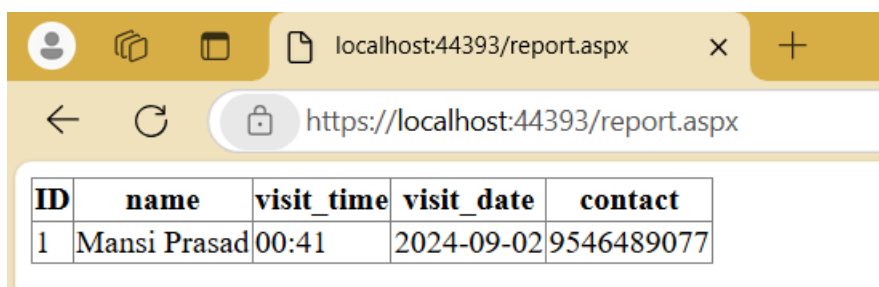
Output: -

Name: Mansi Prasad

Assignment- 23

Q 1. Create a webpage to demonstrate the treeview control in asp.net using vb language.

Treeview.aspx

```vb
Public Class treeview
    Inherits System.Web.UI.Page
    Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
        If Not IsPostBack Then
            ' Create root nodes
            Dim rootNode1 As New TreeNode("Fruits")
            Dim rootNode2 As New TreeNode("Vegetables")
            ' Create child nodes for Fruits
            rootNode1.ChildNodes.Add(New TreeNode("Apple"))
            rootNode1.ChildNodes.Add(New TreeNode("Banana"))
            rootNode1.ChildNodes.Add(New TreeNode("Orange"))
            ' Create child nodes for Vegetables
            rootNode2.ChildNodes.Add(New TreeNode("Carrot"))
            rootNode2.ChildNodes.Add(New TreeNode("Broccoli"))
            rootNode2.ChildNodes.Add(New TreeNode("Spinach"))
            ' Add root nodes to TreeView
            TreeView1.Nodes.Add(rootNode1)
            TreeView1.Nodes.Add(rootNode2)
        End If
    End Sub
End Class
```

Output: -

Name: Mansi Prasad

Assignment- 24

Q 1. Create a website to insert user information and use calendar control to insert birthdate in database.

userpage.aspx

```
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="userpage.aspx.vb"
Inherits="userinformation.userpage" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>User information</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <h1>Fill user details</h1>
            <asp:Label ID="Label1" runat="server" Text="Name: "></asp:Label>
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label2" runat="server" Text="Age: "></asp:Label>
            <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label4" runat="server" Text="D.O.B: "></asp:Label>
            <asp:Calendar ID="Calendar1" runat="server" Height="20px"
Width="20px"></asp:Calendar><br />
            <asp:Label ID="Label3" runat="server" Text="Address: "></asp:Label>
            <asp:TextBox ID="TextBox3" runat="server"></asp:TextBox><br />
            <asp:Label ID="Label5" runat="server" Text="Gender: "></asp:Label>
            <asp:RadioButton ID="RadioButton1" runat="server" Text="Male" />
            <asp:RadioButton ID="RadioButton2" runat="server" Text="Female" /><br
/><br />
            <asp:Button ID="Button1" runat="server" Text="Submit"
OnClick="Button1_Click" /><br /><br />
            <asp:GridView ID="GridView1" runat="server"
DataSourceID="SqlDataSource1"></asp:GridView>
            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="<%$ ConnectionStrings:ConnectionString2 %>" ProviderName="<%$
ConnectionStrings:ConnectionString2.ProviderName %>" SelectCommand="SELECT * FROM
[Table1]"></asp:SqlDataSource>
        </div>
    </form>
</body>
</html>
```

userpage.aspx.vb

```
Imports System.Data.OleDb
Public Class userpage
    Inherits System.Web.UI.Page
    Dim conn As New
OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\mansi\OneDrive\Pictures\문서\userinfo.mdb")
    Protected Sub Button1_Click(sender As Object, e As EventArgs)
        Dim dob As String = Calendar1.SelectedDate
        If RadioButton1.Checked Then
            conn.Open()
```

Name: Mansi Prasad

```
                Dim cmd As New OleDbCommand("insert into table1 values('"
& TextBox1.Text & "','" & TextBox2.Text & "','" & dob & "','" &
TextBox3.Text & "','" & RadioButton1.Text & "')", conn)
                cmd.ExecuteNonQuery()
                MsgBox("Record inserted succesfully")
                conn.Close()
            Else
                conn.Open()
                Dim cmd As New OleDbCommand("insert into table1 values('"
& TextBox1.Text & "','" & TextBox2.Text & "','" & dob & "','" &
TextBox3.Text & "','" & RadioButton2.Text & "')", conn)
                cmd.ExecuteNonQuery()
                MsgBox("Record inserted succesfully")
                conn.Close()
            End If
        End Sub
End Class
```

Output: -

Fill user details

Name: Priya Gupta

Age: 25

D.O.B:

≤	September 2024					≥
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
25	26	27	28	29	30	31
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	1	2	3	4	5

Address: Bhopal, Madhya Pradesh

Gender: ○ Male ● Female

Submit

Name	Age	DOB	address	gender
Mansi	20	26-08-2024	vapi,gujrat	Female
Priya Gupta	25	18-05-2024	Bhopal, Madhya Pradesh	Female
Priya Gupta	25	18-05-2024	Bhopal, Madhya Pradesh	Female

Assignment- 25

Q 1. Create a website for database connectivity and use all data control.

Data_controls.aspx

```vb
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="data_controls.aspx.vb"
Inherits="alldatacontrol.data_controls" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <style>
        .controls-container{
            display:flex;
            justify-content:space-around;
            gap:15px;
            align-items:center;
            margin-top:20px;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server"><div>
        <div class="controls-container">
            <div> <h3>DataList Control</h3>
             <asp:DataList ID="DataList1" runat="server"
DataSourceID="SqlDataSource1">
                 <ItemTemplate>
                 Name:<asp:Label ID="nameLabel" runat="server" Text='<%#
Eval("name") %>' /><br />
                    Email:<asp:Label ID="cityLabel" runat="server" Text='<%#
Eval("email") %>' /><br />
                    Passwoed:<asp:Label ID="Label1" runat="server" Text='<%#
Eval("password") %>' /><br />
                    Address:<asp:Label ID="Label2" runat="server" Text='<%#
Eval("address") %>' /><br />
                    Phone:<asp:Label ID="Label3" runat="server" Text='<%#
Eval("phone") %>' /><br />
                 </ItemTemplate>
                 </asp:DataList>
             </div>
            <div><h3>DetailsView Control</h3>
             <asp:DetailsView ID="DetailsView1" runat="server" Height="50px"
Width="125px" DataSourceID="SqlDataSource1" AllowPaging="True"></asp:DetailsView>
            </div>
            <div><h3>FormView Control</h3>
             <asp:FormView ID="FormView1" runat="server"
DataSourceID="SqlDataSource1" AllowPaging="True">
                 <ItemTemplate>
                 Name:<asp:Label ID="nameLabel" runat="server" Text='<%#
Bind("name") %>' /><br />
                    Email:<asp:Label ID="cityLabel" runat="server" Text='<%#
Bind("email") %>' /><br />
                    Password:<asp:Label ID="Label7" runat="server" Text='<%#
Bind("password") %>' /><br />
                    Address:<asp:Label ID="Label8" runat="server" Text='<%#
Bind("address") %>' /><br />
                    Phone:<asp:Label ID="Label9" runat="server" Text='<%#
Bind("phone") %>' /><br />
                 </ItemTemplate>
```

Name: Mansi Prasad

```asp
                    </asp:FormView>
        </div>
        <div><h3>GridView Control</h3>
            <asp:GridView ID="GridView1" runat="server"
DataSourceID="SqlDataSource1" AllowPaging="True"></asp:GridView>
        </div>
         </div>
        <div class="controls-container">
        <div><h3>Repeater Control</h3>
        <table border="1" style="border-collapse:collapse;">
            <tr>
                <th>Name</th>
                <th>Email</th>
                <th>Password</th>
                <th>Address</th>
                <th>Phone</th>
            </tr>
            <asp:Repeater ID="Repeater1" runat="server"
DataSourceID="SqlDataSource1">
                <ItemTemplate >
    <tr>
      <td><%# Eval("name")%> </td>
      <td><%# Eval("email")%></td>
    <td><%# Eval("password")%></td>
    <td><%# Eval("address")%></td>
    <td><%# Eval("phone")%></td>
    </tr>
    </ItemTemplate>
            </asp:Repeater>
            </table>
        </div>
        <div><h3>ListView Control</h3>
            <asp:ListView ID="ListView1" runat="server"
DataSourceID="SqlDataSource1">
                <ItemTemplate>
                <tr style="background-color: #FAFAD2;color: #284775;">
                    <td>
                        <asp:Label ID="nameLabel" runat="server" Text='<%#
Eval("name") %>' />
                    </td>
                    <td>
                        <asp:Label ID="cityLabel" runat="server" Text='<%#
Eval("email") %>' />
                    </td>
                    <td>
                        <asp:Label ID="Label4" runat="server" Text='<%#
Eval("password") %>' />
                    </td>
                    <td>
                        <asp:Label ID="Label5" runat="server" Text='<%#
Eval("address") %>' />
                    </td>
                    <td>
                        <asp:Label ID="Label6" runat="server" Text='<%#
Eval("phone") %>' />
                    </td>
                </tr>
            </ItemTemplate>
            <LayoutTemplate>
                <table id="Table2" runat="server">
                    <tr id="Tr1" runat="server">
                        <td id="Td1" runat="server">
```

Name: Mansi Prasad

```html
                                <table id="itemPlaceholderContainer" runat="server"
border="1"
                                        style="background-color: palevioletred;border-
collapse: collapse;border-color: #999999;border-style:none;border-width:1px;">
                                    <tr id="Tr2" runat="server" style="background-
color: darkkhaki;color: black;">
                                        <th id="Th1" runat="server">Name</th>
                                        <th id="Th2" runat="server">Email</th>
                                        <th id="Th3" runat="server">Password</th>
                                        <th id="Th4" runat="server">Address</th>
                                        <th id="Th5" runat="server">Phone</th>
                                    </tr>
                                    <tr id="itemPlaceholder" runat="server">
                                    </tr>
                                </table>
                            </td>
                        </tr>
                        <tr id="Tr3" runat="server">
                            <td id="Td2" runat="server"
                                style="text-align: center;background-color:
aliceblue;color: black;">
                            </td>
                        </tr>
                    </table>
                </LayoutTemplate>
            </asp:ListView>
        </div>
            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="<%$ ConnectionStrings:ConnectionString %>" ProviderName="<%$
ConnectionStrings:ConnectionString.ProviderName %>" SelectCommand="SELECT * FROM
[Table1]"></asp:SqlDataSource>
        </div>
        </div>
    </form>
</body>
</html>
```

Output: -

DataList Control

Name:Mansi prasad
Email:mk@gmail.com
Passwoed:@647
Address:9546489077
Phone:vapi
Name:Mohit Shah
Email:mohit@gmail.com
Passwoed:1111
Address:9898876756
Phone:Siwan
Name:Manish Prasad
Email:manish@gmail.com
Passwoed:11111
Address:9878676756
Phone:Siwan

DetailsView Control

name	Mansi prasad
email	mk@gmail.com
password	@647
address	9546489077
phone	vapi

1 2 3

FormView Control

Name:Mansi prasad
Email:mk@gmail.com
Password:@647
Address:9546489077
Phone:vapi

1 2 3

GridView Control

name	email	password	address	phone
Mansi prasad	mk@gmail.com	@647	9546489077	vapi
Mohit Shah	mohit@gmail.com	1111	9898876756	Siwan
Manish Prasad	manish@gmail.com	11111	9878676756	Siwan

Repeater Control

Name	Email	Password	Address	Phone
Mansi prasad	mk@gmail.com	@647	9546489077	vapi
Mohit Shah	mohit@gmail.com	1111	9898876756	Siwan
Manish Prasad	manish@gmail.com	11111	9878676756	Siwan

ListView Control

Name	Email	Password	Address	Phone
Mansi prasad	mk@gmail.com	@647	9546489077	vapi
Mohit Shah	mohit@gmail.com	1111	9898876756	Siwan
Manish Prasad	manish@gmail.com	11111	9878676756	Siwan

Name: Mansi Prasad

Assignment- 26

Q 1 Create a website in ASP and use file

upload control.

Webform1.aspx

```
<%@ Page Language="vb" AutoEventWireup="false" CodeBehind="WebForm1.aspx.vb"
Inherits="fileuploadAssignment.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:FileUpload ID="FileUpload1" runat="server" /><br /><br />
            <asp:Button ID="Button1" runat="server" Text="Upload file"
OnClick="Button1_Click" /><br /><br />
            <asp:Label ID="Label1" runat="server" Text=""></asp:Label>
        </div>
    </form>
</body>
</html>
```
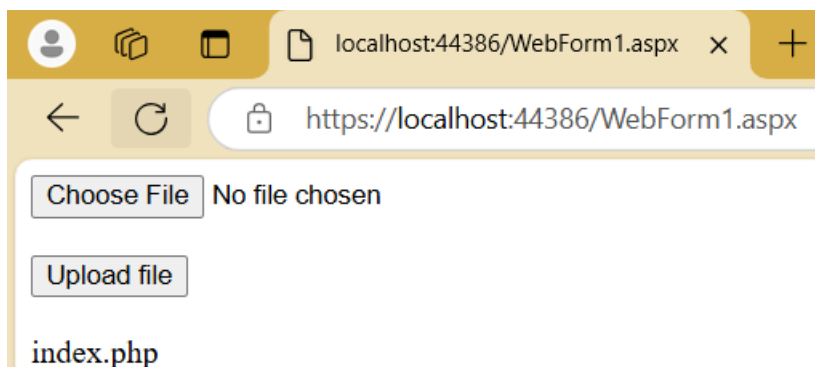
Webform1.aspx.vb

```
Imports System.IO
Public Class WebForm1
    Inherits System.Web.UI.Page
    Protected Sub Button1_Click(sender As Object, e As EventArgs)
        Dim folder As String = Server.MapPath("~/File")
        If Not Directory.Exists(folder) Then
            Directory.CreateDirectory(folder)
        End If
        FileUpload1.SaveAs(folder & FileUpload1.FileName)
        Label1.Text = FileUpload1.FileName
    End Sub
End Class
```

Output: -

Name: Mansi Prasad