

Practical Assignment

1. Asp.net web server controls.

Ans:-

```
<% @ Page Language="VB" AutoEventWireup="false" CodeFile="Default.aspx.vb" 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></title>
<style type="text/css">
.style1
{
width: 100%;
margin:10% 10% 10% 10%;
}
.style2
{
width: 304px;
}
.style3
{
width: 116px;
}
.style4
{ width:
116px;
height: 23px;
}
.style5
{ width:
304px;
```

```

height: 23px;
}
.style6

{ height:
23px;
}
.style7
{ width:
116px;
height: 46px;
}
.style8
{ width:
304px;
height: 46px;
}
.style9 {
height: 46px;
}
</style>
</head>
<body bgcolor="#ffcccc">
<form id="form1" runat="server">
<table class="style1">
<tr>
<td class="style3">
Roll No</td>
<td class="style2">
<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
<asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"
ControlToValidate="TextBox1" ErrorMessage="Roll Number is required"
ForeColor="Red">*</asp:RequiredFieldValidator>
</td>
<td>
<asp:Button ID="Button4" runat="server" Text="Get Data" />
</td>
</tr>
<tr>
<td class="style3">
Name</td>
<td class="style2">
<asp:TextBox ID="TextBox2" runat="server" Width="204px"></asp:TextBox>
</td>
</tr>
<tr>
<td class="style3">
mobile no</td> <td
class="style2">
<asp:TextBox ID="TextBox3" runat="server" Width="124px"></asp:TextBox>
</td>
</tr>
<tr>
<td class="style7"> Gender</td>

<td class="style8">
<asp:RadioButtonList ID="RadioButtonList1" runat="server">
<asp:ListItem>female</asp:ListItem>

```

```

<asp:ListItem>male</asp:ListItem>
</asp:RadioButtonList>
</td>
</tr>
<tr>
<td class="style4">
Course</td>
<td class="style5">
<asp:DropDownList ID="DropDownList1" runat="server">
</asp:DropDownList>
</td>
</tr>
<tr>
<td class="style2">
<asp:ValidationSummary ID="ValidationSummary1" runat="server"
BackColor="#FFFF99" BorderStyle="Outset" DisplayMode="List" ForeColor="Red"
ShowMessageBox="True" />
</td>
</tr>
<tr>
<td class="style3">
<asp:Button ID="Button1" runat="server" Text="Add" />
</td>
<td class="style2">
<asp:Button ID="Button2" runat="server" Text="Update" />
</td>
<td>
<asp:Button ID="Button3" runat="server" Text="Delete" />
</td>
</tr>
</table>
</form>
</body> </html>

```

2. Asp.net Web User control .

Ans:-



Partial Class WebUserControl

Inherits System.Web.UI.UserControl

Protected Sub Greet_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles Greet.Click Label1.Text = "Hello, " & TextBox1.Text & " Welcome to My Page! "

End Sub
End Class

Default.aspx :

```
<% @ Page Language="VB" AutoEventWireup="false" CodeFile="Default.aspx.vb" Inherits="_Default" %>
<% @ Register TagPrefix="GC" TagName="welcome" Src="~/WebUserControl.ascx" %>
<!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>Web User Control</title>
</head>
<body>
<form id="form1" runat="server">
<div>
<gc:welcome ID = "W1" runat="server" />
</div>
</form>
</body>
```

Enter Your Name:

Ekta

Greet

Hello, Ekta Welcome to My Page!

3. Asp.net validation controls .

Ans:-

Name :	<input type="text"/>	*
Age :	<input type="text"/>	*
Email :	<input type="text"/>	*
Password :	<input type="password"/>	
Re-Password :	<input type="password"/>	*
Mobile number :	<input type="text"/>	*
Error message 1.		
Error message 2.		
<input type="button" value="Submit"/>		

```
<% @ Page Language="VB" AutoEventWireup="false" CodeFile="Default.aspx.vb" 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></title>
<style type="text/css">
.style1
{
width: 100%;
}
.style2
{
width: 164px;
}
</style>
</head>
<body>
<form id="form1" runat="server" >
<table class="style1">
<tr>
<td>
<asp:AdRotator ID="AdRotator1" runat="server" AdvertisementFile="~/XMLFile.xml" Target="_blank" /> </td>
</tr>
<tr>
<td class="style2">
Name :</td>
<td>
<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
<asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"
ControlToValidate="TextBox1" ErrorMessage="Name is required" ForeColor="Red">* </asp:RequiredFieldValidator>
</td>
</tr>
<tr>
<td class="style2">
Age :</td>
<td>
<asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
<asp:RangeValidator ID="RangeValidator1" runat="server"
ControlToValidate="TextBox2" ErrorMessage="Age is required between 18 to 50"
ForeColor="Red" MaximumValue="50" MinimumValue="18">* </asp:RangeValidator> </td>
</tr>
<tr>
<td class="style2">
Email :</td>
<td>
<asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>
<asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server" ControlToValidate="TextBox3"
ErrorMessage="Enter Valid Email Adress"
ForeColor="Red"
ValidationExpression="\w+([-.\w+)*@\w+([-.\w+)*\.\w+([-.\w+)*"]>* </asp:RegularExpressionValidator> </td>
</tr>
<tr>
<td class="style2">
Password :</td>
<td>
<asp:TextBox ID="TextBox4" runat="server"></asp:TextBox> </td>
</tr>

```

```

<tr>
<td class="style2">
Re-Password :</td>
<td>
<asp:TextBox ID="TextBox5" runat="server"></asp:TextBox>
<asp:CompareValidator ID="CompareValidator1" runat="server" ControlToCompare="TextBox4"
ControlToValidate="TextBox5"
ErrorMessage="password are not match" ForeColor="Red">*</asp:CompareValidator> </td>
</tr>
<tr>
<td class="style2">
Mobile number :</td>
<td>
<asp:TextBox ID="TextBox6" runat="server"></asp:TextBox>
<asp:CustomValidator ID="CustomValidator1" runat="server" ControlToValidate="TextBox6" ErrorMessage="add
valid number "
ForeColor="Red">*</asp:CustomValidator>
</td>
</tr>
<tr>
<td class="style2" colspan="2" align="center">
<asp:ValidationSummary ID="ValidationSummary1" runat="server"
DisplayMode="List" ShowMessageBox="True" ShowSummary="False" />
</td>
</tr>
<tr>
<td>
<asp:HyperLink ID="HyperLink1" runat="server" NavigateUrl="~/Default2.aspx"
Target="_blank">Go To WebForm 2</asp:HyperLink>
</td>
</tr>
<tr>
<td class="style2">
<asp:Button ID="Button1" runat="server" Text="Submit" />
</td>
</tr>
</table>
</form> </body>

</html>

```

Defaul.aspx.vb :

```

Partial Class _Default
Inherits System.Web.UI.Page
Sub valid(ByVal sender As System.Object, ByVal args As ServerValidateEventArgs) Handles
CustomValidator1.ServerValidate
Dim l As Integer = args.Value.Length
If l = 10 Then
args.IsValid = True
Else
args.IsValid = False
End If
End Sub
Protected Sub Button1_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles Button1.Click
If
Page.IsValid = True Then
Response.Redirect("Default2.aspx")
End If

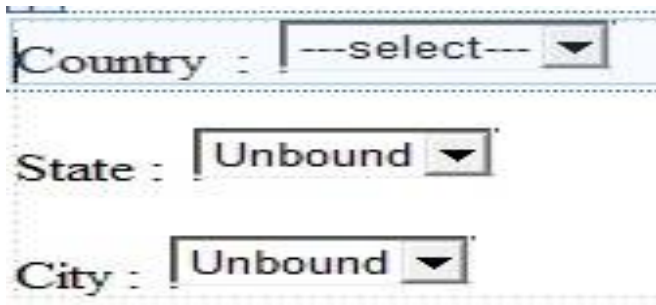
```

End Sub
End Class

Web.config:

```
<?xml version="1.0"?>
<configuration>
<connectionStrings>
<add name="ConnectionString" connectionString="Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=D:\tybca106\valid_prac\Database1.accdb" providerName="System.Data.OleDb"
/>
</connectionStrings>
<system.web>
<compilation debug="true" strict="false" explicit="true" targetFramework="4.0"/> </system.web>
</configuration>
```

4. Drop down list application (country, state, city) Ans:-



Default.aspx :

```
<p>
Country :
<asp:DropDownList ID="country" runat="server" AutoPostBack="True"> <asp:ListItem>---select---</asp:ListItem>

<asp:ListItem Value="1">india</asp:ListItem>
<asp:ListItem Value="2">german</asp:ListItem>
<asp:ListItem Value="3">usa</asp:ListItem>
</asp:DropDownList>
</p>
```

Default.aspx.vb :

Partial Class _Default

Inherits System.Web.UI.Page

Protected Sub country_SelectedIndexChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles country.SelectedIndexChanged
If country.SelectedIndex = 1 Then state.Items.Clear() state.Items.Add("---select---") state.Items.Add("gujarat") state.Items.Add("kerala")

ElseIf country.SelectedIndex = 2 Then
state.Items.Clear() state.Items.Add("---select---")
state.Items.Add("Berlin")
state.Items.Add("Bavaria") End If

End Sub

Protected Sub state_SelectedIndexChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles state.SelectedIndexChanged
If country.SelectedIndex = 1 Then

City.Items.Clear()

City.Items.Add("---select---")

City.Items.Add("surat")

```

City.Items.Add("ahm")
City.Items.Add("Amreli")
ElseIf state.SelectedIndex = 2 Then
City.Items.Clear()
City.Items.Add("---select---")
City.Items.Add("Kochi")
City.Items.Add("Kannur")
City.Items.Add("Kollam")
End If
ElseIf country.SelectedIndex = 2 Then
If state.SelectedIndex = 1 Then
City.Items.Clear()
City.Items.Add("---select---")
City.Items.Add("Ahrensfelde")
City.Items.Add("Glienicke/Nordbahn")
City.Items.Add("Schönefeld")
ElseIf state.SelectedIndex = 2 Then
City.Items.Clear()
City.Items.Add("---select---") City.Items.Add("munich")
City.Items.Add("Nuremberg")

City.Items.Add("Augsburg")
End If
End If
End Sub
End Class

```

Country : india

State : gujarat

City : Amreli

5. Write a practical of Master page.

Ans:-

```

<% @ Master Language="VB"
CodeFile="MasterPage.master.vb"
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">
<title></title>
<asp:ContentPlaceHolder
id="head"
runat="server">
</asp:ContentPlaceHolder
> <style type="text/css">
.style2 { font-size: x-
large; width: 144px;
text-align: center; }
.style3 { font-size: x-
large; text-align: center;
} .style4 { font-size: x-

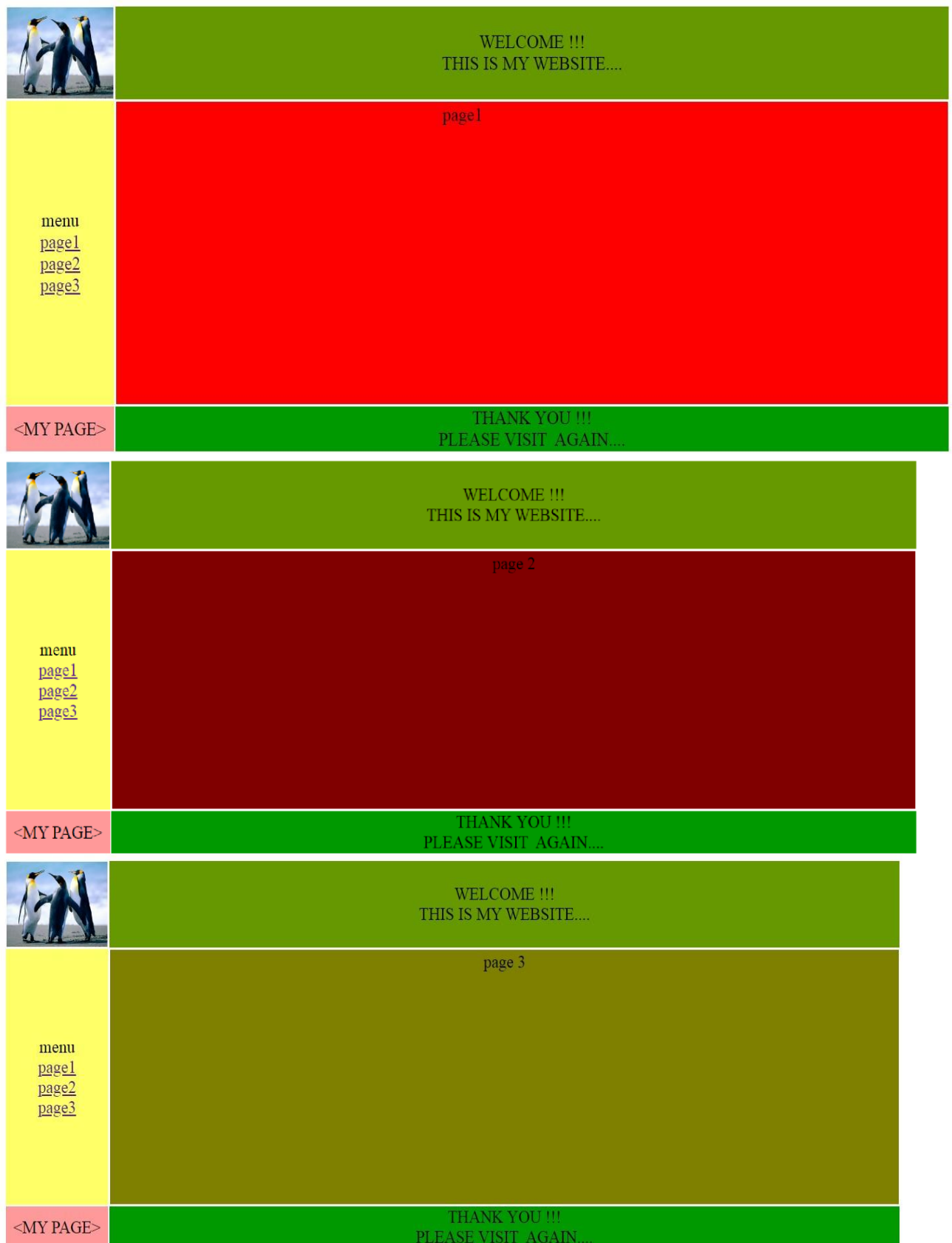
```



```

large; width: 144px;
text-align: center;
} </style> </head> <body>
<form      id="form1"
runat="server">
<table style="width:100%;">
<tr>
<td class="style2">
<asp:ImageButton ID="ImageButton1" runat="server" Height="114px" ImageUrl="~/images/Penguin.jpg" />
</td><td class="style3"
bgcolor="#669900">
WELCOME !!!<br />
THIS IS MY WEBSITE....</td>
</tr><tr>
<td class="style4"
bgcolor="#FFFF66">
menu<br />
<a href="page1.aspx">page1</a><br />
<a href="page2.aspx">page2</a><br />
<a href="page3.aspx">page3</a> </td> <td>
<asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server"> </asp:ContentPlaceHolder >
</td> </tr> <tr> <td class="style2" bgcolor="#FF9999">
<MY PAGE></td>
<td class="style3" bgcolor="#009900">
THANK YOU !!!<br /> PLEASE VISIT AGAIN....</td>
</tr> </table>
</form>
</body>
</html>

```



6. Write a practical of Themes (Skin File, CSS).

```
<asp:Label runat="server" ForeColor="Green" SkiniD="lbltxt" Text="Label"></asp:Label>
<asp:TextBox runat="server" ForeColor="DarkBlue" SkinID="txt"></asp:TextBox>
```

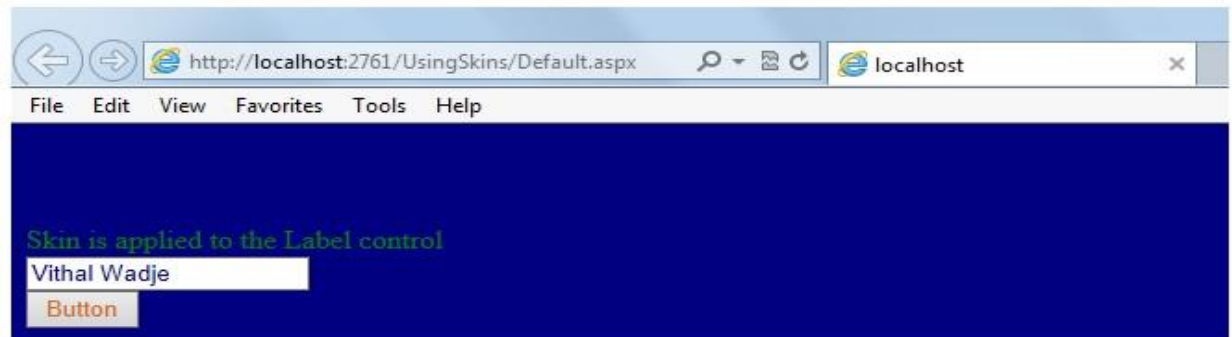
```

<asp:Button runat="server" Text="Button" ForeColor="Chocolate" SkinID="btn" />
<asp:GridView runat="server" SkinID="gridviewSkin" BackColor="White">

<AlternatingRowStyle BackColor="Blue" />
<asp:GridView>

```

Output



7. Write a practical of Repeater control.

Name	Age	Email
abc	0	abc
abc	1	abc
abc	2	abc
abc	3	abc
abc	4	abc

SqlDataSource - SqlDataSo

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Default.aspx.vb" 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></title>
<style type="text/css">
.style1
{
width: 100%;

```

```
}
.style2
{ width:
164px;
}
</style>
</head>
<body>
<form id="form1" runat="server" >
<table class="style1">
<tr>
<td class="style2">
Name :</td>
<td>
<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox> </td>
</tr>
<tr>
<td class="style2">
Age :</td>
<td>
<asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
</td>
</tr>
<tr>
<td class="style2">
Email :</td>
<td>
<asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>
</td>
</tr>
<tr>
<td class="style2">
Password :</td>
<td>
<asp:TextBox ID="TextBox4" runat="server"></asp:TextBox>
</td>
</tr>
<tr>
<td class="style2">
Re-Password :</td>
<td>
<asp:TextBox ID="TextBox5" runat="server"></asp:TextBox>
</td>
</tr>
<tr>
<td class="style2">
Mobile number :</td>
<td>
<asp:TextBox ID="TextBox6" runat="server"></asp:TextBox>
</td>
</tr>
<tr>
<td class="style2" colspan="2" align="center">
<asp:ValidationSummary ID="ValidationSummary1" runat="server"
DisplayMode="List" ShowMessageBox="True" ShowSummary="False" />
</td>
<td>
```

```

</td>
</tr>
<tr>
<td class="style2" colspan="2" align="center">
<asp:HyperLink ID="HyperLink1" runat="server" NavigateUrl="~/Default2.aspx"
Target="_blank">Go To WebForm 2</asp:HyperLink>
</td>
<td>
</td>
</tr> <tr>
<td class="style2">
<asp:Button ID="Button1" runat="server" Text="Submit" />
</td>
<td>
</td>
</tr>
<tr>
<td class="style2">
</td>
<td>
<asp:Repeater ID="Repeater1" runat="server" DataSourceID="SqlDataSource2">
<HeaderTemplate>
<table border='1' >
<tr>
<th>Name </th>
<th> Age </th>
<th> Email </th>
</tr>
</HeaderTemplate>
<ItemTemplate>
<tr> <td>
<asp:Label runat="server" ID="name" Text='<%=#Eval("Name") %>'></asp:Label> </td>
<td>
<asp:Label runat="server" ID="age" Text='<%=#Eval("age") %>'></asp:Label> </td>
<td>
<asp:Label runat="server" ID="email" Text='<%=#Eval("email") %>'></asp:Label> </td>
</tr>
</ItemTemplate>
<FooterTemplate>
</table>
</FooterTemplate>
</asp:Repeater>
<asp:SqlDataSource ID="SqlDataSource2" runat="server" ConnectionString="<%=
ConnectionStrings:ConnectionString%>"
ProviderName="<%= $ ConnectionStrings:ConnectionString.ProviderName %>"
SelectCommand="SELECT * FROM [repeter]"></asp:SqlDataSource> </td>
</tr>
</table>
</form>
</body>
</html>
Web.config
<?xml version="1.0"?>
<configuration>
<connectionStrings>
<add name="ConnectionString" connectionString="Provider=Microsoft.ACE.OLEDB.12.0;Data Source=D:
\tybca106\valid_prac\Database1.accdb" providerName="System.Data.OleDb" />

```

```

</connectionStrings>
<system.web>
<compilation debug="true" strict="false" explicit="true" targetFramework="4.0"/>
</system.web>
</configuration>

```

8. Write a practical of Site map path control.

Web.SiteMap

```

<?xml version="1.0" encoding="utf-8" ?>
<siteMap xmlns="http://schemas.microsoft.com/AspNet/SiteMap-File-1.0" >
<siteMapNode url="Default.aspx" title="Home" description="HOME">
<siteMapNode url="Hardware.aspx" title="hardware" description="HARDWARE" >
<siteMapNode url="keyboard.aspx" title="keyboard" description="KEYBOARD" />
<siteMapNode url="monitor.aspx" title="monitor" description="MONITOR" /> </siteMapNode>
<siteMapNode url="Software.aspx" title="software" description="SOFTWARE" />
<siteMapNode url="firmware.aspx" title="firmware" description="FIRMWARE" />
</siteMapNode> </siteMap>
<% @ Page Title="" Language="VB" MasterPageFile="~/MasterPage.master" AutoEventWireup="false"
CodeFile="Hardware.aspx.vb" Inherits="Hardware" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server"> Welcome
to HARDWARE.
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">
Thank yo for visit. </asp:Content> software.aspx
<% @ Page Title="" Language="VB" MasterPageFile="~/MasterPage.master" AutoEventWireup="false"
CodeFile="Software.aspx.vb" Inherits="Software" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server"> Welcome
to SOFTWARE.
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server"> Thank
you for visit.
</asp:Content>
Firmware.aspx
<% @ Page Title="" Language="VB" MasterPageFile="~/MasterPage.master" AutoEventWireup="false"
CodeFile="firmware.aspx.vb" Inherits="firmware" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server"> Welcome
to FIRMWARE.
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server"> Thank
you for visit.
</asp:Content>
Keyboard.aspx
<% @ Page Title="" Language="VB" MasterPageFile="~/MasterPage.master" AutoEventWireup="false"
CodeFile="keyboard.aspx.vb" Inherits="keyboard" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server"> Welcome
to KEYBOARD.
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server"> Thank
you for visit.
</asp:Content>

```

Welcome to KEYBOARD.

HELLO, Welcome to website

Thank you for visit.

Menu:

[Home](#) ▶

siteMapPath:

[Home](#) > [hardware](#) > keyboard

```
<% @ Page Title="" Language="VB" MasterPageFile="~/MasterPage.master" AutoEventWireup="false"
CodeFile="monitor.aspx.vb" Inherits="monitor" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" Runat="Server">
Welcome to MONITOR. </asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server"> Thank
you for visit.
</asp:Content>
```

9. Develop a ASP.NET application for state management through login, home, logout pages. Use cookies and session object to manage session.

Ans:-

```
Imports System.Data
Partial Class _Default
Inherits System.Web.UI.Page
Protected Sub Button1_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles Button1.Click
Session("Id") = TextBox1.Text
Response.Redirect("home.aspx")
End Sub
Protected Sub Button3_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles Button3.Click
Response.Cookies("datalist")("name") = TextBox2.Text
Response.Cookies("datalist")("city") = TextBox3.Text
Response.Cookies("datalist").Expires = DateTime.Now.AddMonths(1)
Response.Redirect("home.aspx")
End Sub
Protected Sub Button2_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles Button2.Click
Response.Cookies("mydata").Value = TextBox2.Text
```

```

Response.Cookies("mydata").Expires = DateTime.Now.AddMonths(1)
Label1.Text = Request.Cookies("mydata").Value
End Sub
End Class
Partial Class home
Inherits System.Web.UI.Page
Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Load
Label1.Text = Session("id").ToString
Label2.Text = Session.SessionID
Label3.Text = Request.Cookies("datalist")("name")
Label4.Text = Request.Cookies("datalist")("city")
End Sub
Protected Sub Button1_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles Button1.Click
Session.Clear()
Session.Abandon()
Response.Redirect("Default.aspx")
End Sub
End Class

```

Session:

Id

Ekta

Login

Cookies:

hetvani

lk@gmail.com

Label

create

add

Ekta

cqal2vqgqngu4n4gnrhtvfxm

LogOut

hetvani

lk@gmail.com

10. Design a website in ASP.NET for selling and purchasing items like OLX.com, in which

- Seller can manage items.
- Purchaser can view and purchase the items.

Ans:

```

<% @ Page Title="Home Page" Language="VB" MasterPageFile="~/Site.Master" AutoEventWireup="false"
CodeFile="Default.aspx.vb" Inherits="_Default" %>
<asp:Content ID="HeaderContent" runat="server" ContentPlaceHolderID="HeadContent"> </asp:Content>
<asp:Content ID="BodyContent" runat="server" ContentPlaceHolderID="MainContent">
<h2> Welcome to ASP.NET! </h2>
<p> To learn more about ASP.NET visit <a href="http://www.asp.net" title="ASP.NET Website">www.asp.net</a>.
</p> <p>
You can also find <a href="http://go.microsoft.com/fwlink/?LinkID=152368&clcid=0x409" title="MSDN ASP.NET
Docs">documentation on ASP.NET at MSDN</a>.
</p> </asp:Content> Ex]
FirstWebPage.aspx* ] eu page
Title="Hone page" Language="Ch"
Masterpageril
<aspicContent 10="godyContent" Contentplaceholderlo="sainConter| aT
<div class="rou"
<div class="col-nd-4">

```


<h2>Getting started</h2></p>
 </p>
 </div>
 </asp:Content>
 # " AutoEventiireup="true
 <!DOCTYPE html>
 "<html xmlns="http://www.w3.org/1999/xhtml">
 <head id="Head1" runat="server">
 <title></title>
 </head>
 <body>
 5 <form id="form1" runat="server">
 8 <div>
 Welcome to Visual Web Developer

 [e/div] </form>
 protected void Button1_Click(object
 sender, System.EventArgs e)
 { Label1.Text = TextBox1.Text + ", welcome to Visual Studio!";
 }
 Protected Sub Button1_Click(ByVal sender As Object, ByVal e As System.EventArgs) Label1.Text
 = Textbox1.Text & ", welcome to Visual Studio!"
 End Sub
 FirstWebPage.aspx* vx [server
 object & Events nbsp:
 <asp:Calendar ID="Calendar1"
 ID="Calendar1" runat="server"
 <SelectedDayStyle BackColor="#G66666" Font-Bold...
 <Selectorstyle BackColor="#CCCCCC™ /> <HeekendDayStyle
 BackColor="#FFFFCC" />
 <OtherMontnDaystyle ForeColor=" #803080" />
 <TodayDayStyle BackColor="#CCCCCC" ForeColoy <NextPrevstyle
 VerticalAlign="Botton" />
 <DayHeaderstyle BackColor="#CCCCCC" Font-Bold..
 <TitleSyle BackColor="#999999">
 </asp:Calendars|
 protected void Calendar1_SelectionChanged(object sender, System.EventArgs e)
 {
 Label1.Text =
 Calendar1.SelectedDate.ToLongDateString ();
 }
 Copy
 Protected Sub Calendar1_SelectionChanged(ByVal sender As Object, ByVal e As System.EventArgs) Label1.Text
 =
 Calendar1.SelectedDate.ToLongDateString ()
 End Sub

Seller :

Item Code :

Item Name :

I Code :

Quantity :

Price :

Purchase Date :

imcode	iname	icmcode	qnty	price	pdate
1	i20	2	1	55000	8/8/2022 12:00:00 AM
2	smart tv	1	1	35000	

Purchaser :

Item Code :

Item Name :

I Code :

Quantity :

Price :

Purchase Date :

imcode	iname	icmcode	qnty	price	pdate
1	i20	2	1	55000	8/8/2022 12:00:00 AM
2	smart tv	1	1	35000	

11. Design a module using ASP.NET for online book shopping. Use proper validations.

- Admin can manage the book details and stock.
- User can view the different category of books and place an order for books.

NOTE : Using Master Page

BookCatMast

Field Name	Data Type
BookCatCode	Number
BookCatName	Short Text

BookMast

Field Name	Data Type
BookCode	Number
BookName	Short Text
BookCatCode	Number
Qty	Number
Price	Number

BookTrans

Field Name	Data Type
TransID	Number
BookCode	Number
Quantity	Number

Relationships

BookCatMast (1) to BookMast (∞)

BookMast (1) to BookTrans (∞)

BookMast Form

BookCode :

BookName :

BookCatCode :

Qty :

Price :

Column0	Column1	Column2
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc

Admin.aspx.vb

```
Imports System.Data.OleDb
Public Class Default Inherits Page
Subview()
Dim cn As New OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;DataSource=F:\VISUALSTUDIO\ap11\Database.mdb")
cn.Open()
Dim adp As New OleDbDataAdapter("select * from BookMast", cn)
Dim ds As New DataSet
adp.Fill(ds)
```

```

GridView1.DataSource = dsGridView1.DataBind() cn.Close()
End Sub
Protected Sub insert_Click(senderAs Object,eAsEventArgs)Handlesinsert.Click
DimcnAs
NewOleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;DataSource=F:\VISUALSTUDIO\ap11\Database.mdb")
cn.Open()
Dim cmdAs NewOleDbCommand("insert into BookMast values("& t1.Text &","& t2.Text&","& t3.Text &","& t4.Text
&","& t5.Text &")", cn) cmd.ExecuteNonQuery()
cn.Close()
view() End
Sub
Protected Subupdate_Click(senderAs Object, eAsEventArgs)Handlesupdate.Click DimcnAs
NewOleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;DataSource=F:\VISUALSTUDIO\ap11\Database.mdb")
cn.Open()
DimcmdAs NewOleDbCommand("update BookMast set BookName = "& t2.Text &","BookCatCode = "& t3.Text
&","Qty = "& t4.Text &","Price = "& t5.Text &" whereBookCode = "& t1.Text &""", cn) cmd.ExecuteNonQuery()
cn.Close()
view() End
Sub
Protected Subdelete_Click(senderAs Object, eAsEventArgs)Handlesdelete.Click
DimcnAs
NewOleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;DataSource=F:\VISUALSTUDIO\ap11\Database.mdb")
cn.Open()
DimcmdAs NewOleDbCommand("delete from BookMast where BookCode = "& t1.Text &""",cn)
cmd.ExecuteNonQuery()
cn.Close()
view() End
Sub End
Class

```

user.aspx (Design View)

Column0	Column1	Column2
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc

```

ImportsSystem.Data.OleDb
Public ClassAbout InheritsPage Subview()
DimcnAs
NewOleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;DataSource=F:\VISUALSTUDIO\ap11\Database.mdb")
cn.Open()
DimadpAs NewOleDbDataAdapter("select * from BookTrans", cn)
DimdsAs NewDataSetadp.Fill(ds)
GridView1.DataSource = dsGridView1.DataBind() cn.Close()
End Sub
Protected Subview1_Click(senderAs Object, eAsEventArgs)Handlesview1.Clickview() End
Sub

```

```

Protected Subinsert_Click(senderAs Object, eAsEventArgs)Handlesinsert.Click
DimcnAs
NewOleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;DataSource=F:\VISUALSTUDIO\ap11\Database.mdb")
cn.Open()
DimcmdAs NewOleDbCommand("insert into BookTrans values("& t1.Text &","& t2.Text&","& t3.Text &")", cn)
cmd.ExecuteNonQuery()
cn.Close()
view() cn.Open()
Dimcmd1As NewOleDbCommand("update BookMast set Qty = Qty - "& t3.Text &" whereBookCode = "& t2.Text
&""",cn)
cmd1.ExecuteNonQuery()
cn.Close()
view() End
Sub
End Class

```

Output

The screenshot displays a web application interface for a book shopping system, divided into two main sections: Admin Side and User Side.

Admin Side:

- Navigation tabs: Book Shopping, Admin, User.
- Form fields for adding/updating book details: BookCode, BookName, BookCatCode, Qty, and Price.
- Action buttons: Insert, Update, Delete, and View.
- Table showing current book inventory:

BookCode	BookName	BookCatCode	Qty	Price
1	ASP Net Black Book	2	12	500
2	python	2	3	750

User Side:

- Form fields for purchasing: TransID, BookCode, and Quantity.
- Action buttons: Purchase and View.
- Table showing the purchase history:

TransID	BookCode	Quantity
1	1	3
2	1	5
3	1	5
4	1	10
5	1	10
6	1	10
7	1	10
8	1	25
9	2	12

12. Develop a website for movie ticket booking.

- Provide facility to user like login, registration.
- Provide facility for view tickets and booking.

DataBase

reg	
Field Name	Data Type
uname	Short Text
phone	Number
password	Short Text

movieticket	
Field Name	Data Type
mid	Number
mname	Short Text
qty	Number

booking	
Field Name	Data Type
yourname	Short Text
qty	Number

Registration

UserName :
 Phone :
 Password :
 Confirm Password : [CompareValidator1]

Label

- Error message 1.
- Error message 2.

```

imports System.Data.OleDb
Public Class registration
Inherits System.Web.UI.Page
Protected Subb1_Click(sender As Object, e As EventArgs) Handles b1.Click
Dim cn As
New OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;DataSource=F:\VISUALSTUDIO\ap12\reg.mdb")
cn.Open()
Dim cmd As New OleDbCommand("insert into reg values('" & t1.Text & "','" & t2.Text & "','" & t3.Text & "')", cn)
cmd.ExecuteNonQuery()
cn.Close()
Response.Redirect("~/login.aspx")
End Sub
End Class

```

```
Imports System.Data.OleDb
Public Class WebForm1
Inherits System.Web.UI.Page
Protected Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
Dim cn As New OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;Data
Source=F:\VISUALSTUDIO\ap12\reg.mdb") cn.Open()
Dim adp As New OleDbDataAdapter("select * from reg where uname = '" & t5.Text & "' and password = '" & t6.Text & "'",
cn)
Dim ds As New DataSet
adp.Fill(ds) cn.Close()
Response.Redirect("~/homepage.aspx")
End Sub
End Class
```

Column0	Column1	Column2
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc

```
Imports System.Data.OleDb
Imports System.Windows.Forms
Public Class homepage
Inherits System.Web.UI.PageSubview()
Dim cn As New
```



```

OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;DataSource=F:\VISUALSTUDIO\ap12\reg.mdb") cn.Open()
Dim adp As New OleDbDataAdapter("select * from movieticket", cn)
Dim ds As New DataSet adp.Fill(ds)
GridView1.DataSource = dsGridView1.DataBind() cn.Close()
End Sub
ProtectedSubb1_Click(senderAs Object, eAsEventArgs)Handlesb1.Click view()
EndSub
ProtectedSubb2_Click(senderAsObject,eAsEventArgs)Handlesb2.Click
Dim cn As New
OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;DataSource=F:\VISUALSTUDIO\ap12\reg.mdb") Cn.Open()
Dim cmd As New OleDbCommand("update movieticket set qty = qty - "& t3.Text &" wheremid = "& t1.Text &"", cn)
cmd.ExecuteNonQuery()
cn.Close() cn.Open()
Dim cmd1As New OleDbCommand("insert into booking values("& t2.Text &" "&t3.Text &"", cn)
cmd1.ExecuteNonQuery()
cn.Close() view()
MessageBox.Show("Ticket Purchase Successfully...")
End Sub
End Class

```

UserName :
 Phone :
 Password :
 Confirm Password :

Login

UserName :
 Password :

Label

Register

Login

Book Your Tickets Here

Movie Id :
 Your Name :
 No. Of Tickets :

View Tickets

Purchase Ticket

mid	mname	qty
1	The Avengers	6
2	Iron Man 3	6
3	Thor: The Dark World	7

Book Your Tickets Here

Movie Id :

Your Name :

No. Of Tickets :

mid	mname	qty
1	The Avengers	6
2	Iron Man 3	4
3	Thor: The Dark World	5

13. Design a module using ASP .NET for a courier service.

- Admin can manage courier details and delivery details (if courier is delivered).
- User can perform login and inquire status of his/her courier based on order number.

Ans.

Admin Side

Coid	<input type="text"/>
DeliveryName	<input type="text"/>
DispatchDate	<input type="text"/>
DeliveryDate	<input type="text"/>
Route	<input type="text"/>
Status	<input type="text"/>

Column0	Column1	Column2
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc

Admin.aspx.vb

Imports System.Data.OleDb

UserMast	
Field Name	Data Type
UserID	Number
Password	Short Text
UName	Short Text
Address	Short Text
Phone	Number
Email	Short Text
Gender	Short Text

CourierMast	
Field Name	Data Type
Coid	Short Text
DeliveryName	Short Text
DispatchDate	Date
DeliveryDate	Short Text
Route	Short Text
Status	Short Text

Public Class_Default
Inherit sPage Subview()

```

Dim cn As New
OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;DataSource=F:\VISUALSTUDIO\ap13\Database.mdb")
cn.Open()
Dim adp As New OleDbDataAdapter("select * from CourierMast", cn)
Dim ds As New DataSet adp.Fill(ds)
GridView1.DataSource = ds GridView1.DataBind()
cn.Close() End
Sub
Protected Sub insert_Click(sender As Object, e As EventArgs) Handles insert.Click
Dim cn As New
OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;DataSource=F:\VISUALSTUDIO\ap13\Database.mdb")
cn.Open()
Dim cmd As New OleDbCommand("insert into CourierMast values('"& t1.Text &"','"& t2.Text &"','"& t3.Text &"','"&
t4.Text &"','"& t5.Text &"','"& t6.Text &"')", cn)
cmd.ExecuteNonQuery()
cn.Close()
view() End
Sub
Protected Sub update_Click(sender As Object, e As EventArgs) Handles update.Click
Dim cn As New
OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;DataSource=F:\VISUALSTUDIO\ap13\Database.mdb")
cn.Open()
Dim cmd As New OleDbCommand("update CourierMast set DeliveryName = '"& t2.Text & "',DispatchDate = '"& t3.Text
& "',DeliveryDate = '"& t4.Text & "',Route = '"& t5.Text & "',Status = '"& t6.Text & "' where COID = '"& t1.Text & "'", cn)
cmd.ExecuteNonQuery()
cn.Close()
view() End
Sub
Protected Sub delete_Click(sender As Object, e As EventArgs) Handles delete.Click
Dim cn As New
OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;DataSource=F:\VISUALSTUDIO\ap13\Database.mdb")
cn.Open()
Dim cmd As New OleDbCommand("delete from CourierMast where COID = '"& t1.Text & "'", cn) cmd.ExecuteNonQuery()
cn.Close()
view() End
Sub End
Class

```

userlogin.aspx (Design View)

Column0	Column1	Column2
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc

userlogin.aspx.vb

Imports System.Data.OleDbPublic Class About

Inherits Page

Protected Sub login_Click(sender As Object, e As EventArgs) Handles login.Click

Dim cn As

New OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;DataSource=F:\VISUALSTUDIO\ap13\Database.mdb")

cn.Open()

Dim adp As New OleDbDataAdapter("select UName,Address,Phone,Email,Gender from UserMast where UserID = "& t1.Text & "'", cn)

Dim ds As New DataSet adp.Fill(ds)

GridView1.DataSource = ds GridView1.DataBind() cn.Close()

End Sub

Protected Sub status_Click(sender As Object, e As EventArgs) Handles status.Click Response.Redirect("~/checkstatus.aspx")

End Sub

End Class

checkstatus.aspx (Design View)

Check Your Status Here...

Enter Your Courier Id :

Column0	Column1	Column2
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc

Imports System.Data.OleDb

Public Class checkstatus

Inherits System.Web.UI.Page

Protected Sub check_Click(sender As Object, e As EventArgs) Handles check.Click

Dim cn As New

OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;DataSource=F:\VISUALSTUDIO\ap13\Database.mdb")

cn.Open()

Dim adp As New OleDbDataAdapter("Select COID,Status from CourierMast where COID LIKE"& T1.Text & "%'", cn)

Dim ds As New DataSet adp.Fill(ds)

GridView1.DataSource = ds GridView1.DataBind()

cn.Close() Snd

Sub

End Class

Admin Side

COID : C92266895
 DeliveryName : ABC
 DispatchDate : 10/09/2021
 DeliveryDate :
 Route : ST-MB
 Status : Pending

COID	Delivery Name	DispatchDate	DeliveryDate	Route	Status
C99886677	XOX	6/9/2021 12:00:00 AM		ST-MB	Pending
C92266895	XOX	6/9/2021 12:00:00 AM	08/09/2021	ST-MB	Completed
C92266895	ABC	10/9/2021 12:00:00 AM		ST-MB	Pending

User Login

Login To Check Your Status...

User Id : 100101
 Password : 123

UName	Address	Phone	Email	Gender
abc	surat	85745874	abc@gmail.com	male

Check Your Status Here...

Enter Your Courier Id : C99886677

COID	Status
C99886677	Pending

