ASP.NET PRACTICALS (10 TO 24)

10) Create ASP.NET web page that will display Sleeve Items in a list box control. On the selection of display image and cost of item.
11) In the above ASP.NET Web page, all users to add quantity in textbox control(i.eReadonly)on clickof+&-button controls quantity should be increment & decrement then calculate payment.

.aspx

Take 1 ListBox Control, 1 Image control, 1 Textbox, 2 Button and 2 Labels.

.aspx.cs

```
protected void ListBox1_SelectedIndexChanged(object sender, EventArgs e)
{
    TextBox1.Text = "0";
    Label2.Text = "";

    string selectedItem = ListBox1.SelectedItem.Text;

    if (selectedItem == "Book 1")
    {
        Image1.ImageUrl = "full.jpg";
        Label1.Text = "Cost: ₹800";
        ViewState["Cost"] = 800;
    }
    else if (selectedItem == "Book 2")
    {
        Image1.ImageUrl = "half.jpg";
        Label1.Text = "Cost: ₹600";
        ViewState["Cost"] = 600;
    }
    else if (selectedItem == "Book 3")
    {
```

ASP.NET PRACTICALS (10 TO 24)

10) Create ASP.NET web page that will display Sleeve Items in a list box control. On the selection of display image and cost of item.
11) In the above ASP.NET Web page, all users to add quantity in textbox control(i.eReadonly)on clickof+&-button controls quantity should be increment & decrement then calculate payment.

.aspx

Take 1 ListBox Control, 1 Image control, 1 Textbox, 2 Button and 2 Labels.

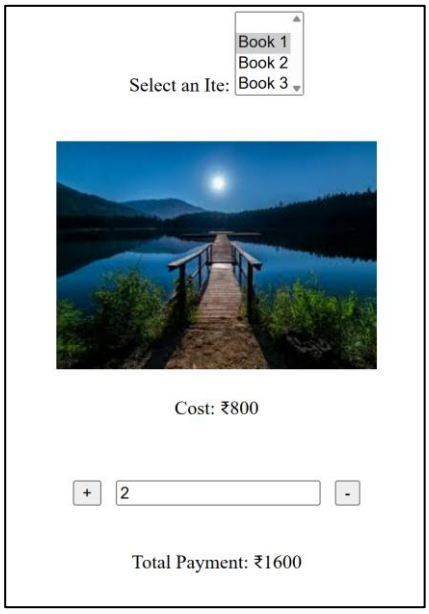
.aspx.cs

```
protected void ListBox1_SelectedIndexChanged(object sender, EventArgs e)
{
    TextBox1.Text = "0";
    Label2.Text = "";

    string selectedItem = ListBox1.SelectedItem.Text;

    if (selectedItem == "Book 1")
    {
        Image1.ImageUrl = "full.jpg";
        Label1.Text = "Cost: ₹800";
        ViewState["Cost"] = 800;
    }
    else if (selectedItem == "Book 2")
    {
        Image1.ImageUrl = "half.jpg";
        Label1.Text = "Cost: ₹600";
        ViewState["Cost"] = 600;
    }
    else if (selectedItem == "Book 3")
    {
```

```
        Image1.ImageUrl = "sleevless.jpg";
        Label1.Text = "Cost: ₹500";
        ViewState["Cost"] = 500;
    }
}
protected void Button1_Click(object sender, EventArgs e)
{
    int quantity = Convert.ToInt32(TextBox1.Text);
    quantity++;
    TextBox1.Text = quantity.ToString();

    CalculateTotal();
}
protected void Button2_Click(object sender, EventArgs e)
{
    int quantity = Convert.ToInt32(TextBox1.Text);
    if (quantity > 0)
    {
        quantity--;
        TextBox1.Text = quantity.ToString();
    }
    CalculateTotal();
}
private void CalculateTotal()
{
    if (ViewState["Cost"] != null)
    {
        int cost = Convert.ToInt32(ViewState["Cost"]);
        int qty = Convert.ToInt32(TextBox1.Text);
        int total = cost * qty;
```

```
        Label2.Text = "Total Payment: ₹" + total.ToString();
    }
}
```

Output



13) Write an asp.net web page that will make student exam details from exam form and generate fee receipt. Exam details: name, exam type year, sem subject's fees.

.aspx

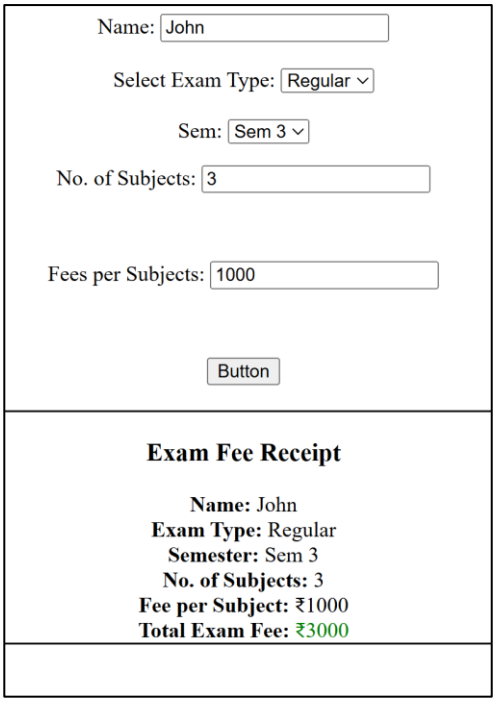
Take 3 TextBoxes, 2 DropDownlists, 1 Button, 1 Panel and 1 Label.

.aspx.cs

```
protected void Button1_Click(object sender, EventArgs e)
{
    string name = TextBox1.Text;
    string examType = DropDownList1.SelectedValue;
    string semester = DropDownList2.SelectedValue;
    int subjects = Convert.ToInt32(TextBox2.Text);
    int feePerSubject = Convert.ToInt32(TextBox3.Text);
    int totalFee = subjects * feePerSubject;

    Label1.Text = $"<b>Name:</b> {name}<br />" +
```

```
        $"<b>Exam Type:</b> {examType}<br />" +
        $"<b>Semester:</b> {semester}<br />" +
        $"<b>No. of Subjects:</b> {subjects}<br />" +
        $"<b>Fee per Subject:</b> ₹{feePerSubject}<br />" +
        $"<b>Total Exam Fee:</b> <span style='color:green;'>₹{totalFee}</span>";
    Panel1.Visible = true;
```

Output



14) Create ASP.NET Webpage that will display data into List box and dropdown list control on button click event using c# code.

.aspx

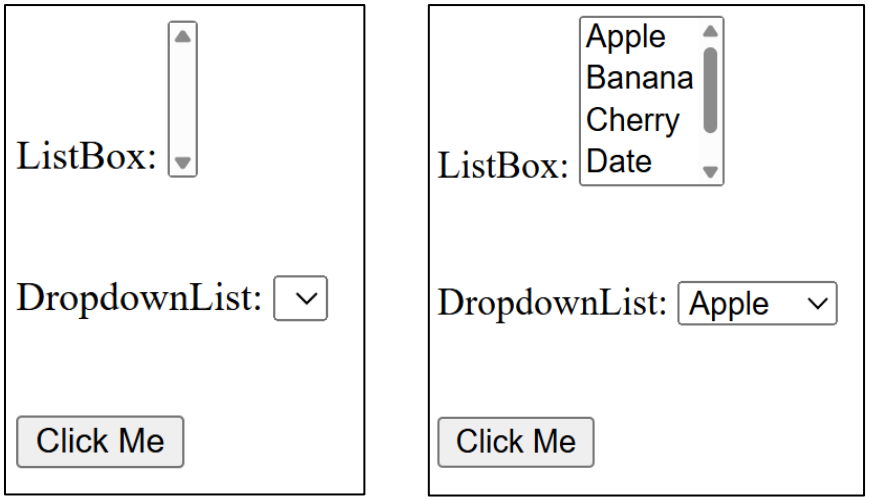
Take 1 ListBox, 1 DropDownList and 1 Button.

.aspx.cs

```
protected void Button1_Click(object sender, EventArgs e)
{
    List<string> items = new List<string> { "Apple", "Banana", "Cherry", "Date", "Mango" };

    // Bind to ListBox
    ListBox1.Items.Clear();
```

```
    ListBox1.DataSource = items;
    ListBox1.DataBind();

    // Bind to DropDownList
    DropDownList1.Items.Clear();
    DropDownList1.DataSource = items;
    DropDownList1.DataBind();
}
}
```

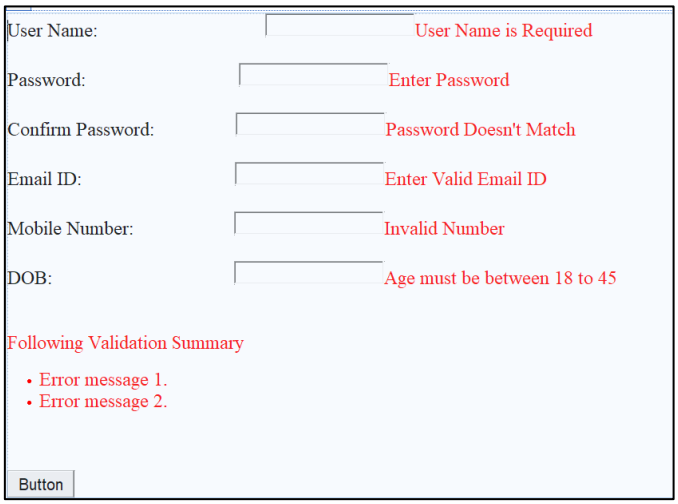
Output



15 to 20) ASP.Net ALL Validations.

.aspx

Take 6 TextBoxes and 1 Button.

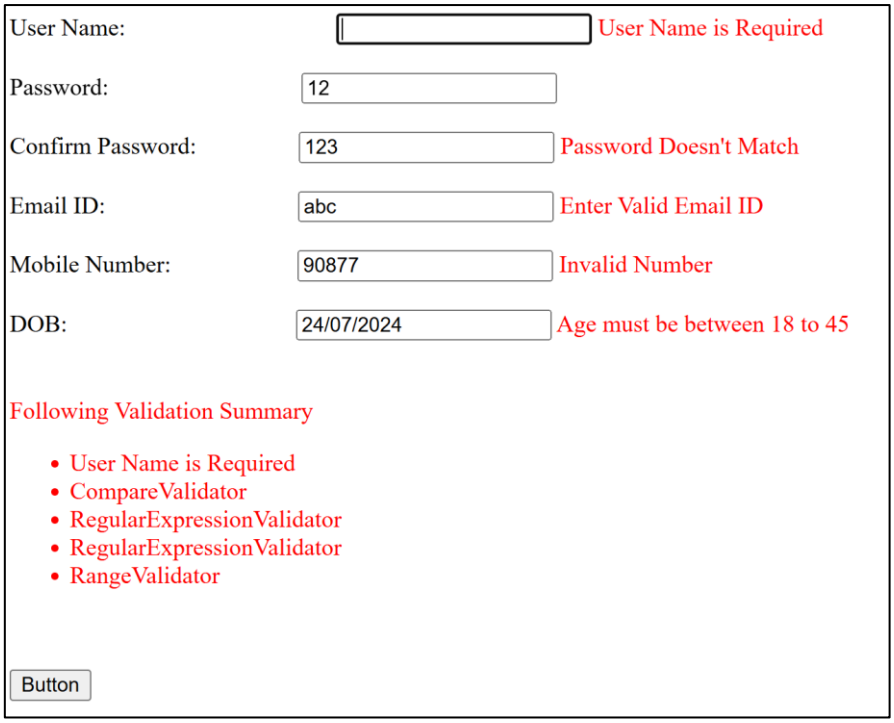


Properties that need to be set for each Validator is ControlToValidate, ErrorMessage, Type, ValidationExpression.

.aspx.cs

```
protected void Page_Load(object sender, EventArgs e)
{
   RangeValidator1.MinimumValue = DateTime.Now.AddYears(-45).ToShortDateString();
   RangeValidator1.MaximumValue = DateTime.Now.AddYears(-18).ToShortDateString();
}

protected void CustomValidator1_ServerValidate(object source, ServerValidateEventArgs args)
{
   int len = args.Value.Length;
   if ( len >=8 && len <=15)
      args.IsValid = true;
   else
   {
   }
      args.IsValid = false;
}
protected void Button1_Click(object sender, EventArgs e)
{
   Response.Write("Form Submitted Sucessfully: " + TextBox1.Text);
}
```

Output



21) Create an ASP.NET Webpage that will take username and password from the user and create session a session for username and display it on a webpage.

.aspx

Take 1 TextBox, 1 Button and 1 Label.

.aspx.cs

```
protected void btnSubmit_Click(object sender, EventArgs e)
{
    Session["UserName"] = txtUserName.Text.ToString();
    Response.Redirect("Home.aspx");
}
```

Home.aspx

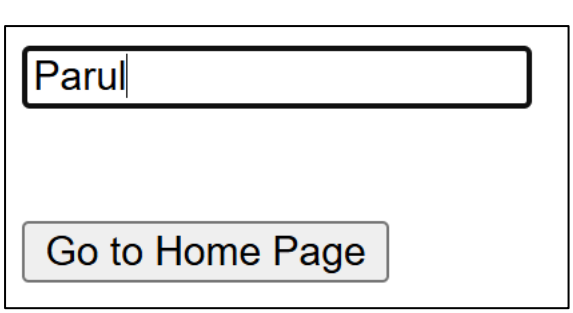
Take 1 Label

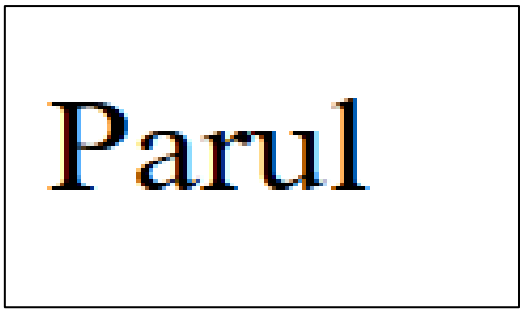
Home.aspx.cs

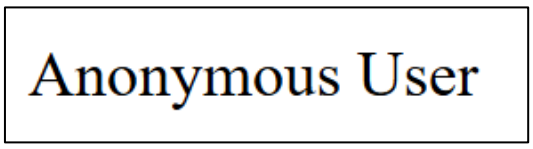
```
protected void Page_Load(object sender, EventArgs e)
{
    if (Session["UserName"] != null && Session["UserName"] != "")
    {
```

```
        lblUserName.InnerText = Session["UserName"].ToString();
    }
    else
    {
        lblUserName.InnerText = "Anonymous User";
    }
}
```

Output







22) Create an ASP.NETwebpage that will make use of viewstate state management technique

.aspx

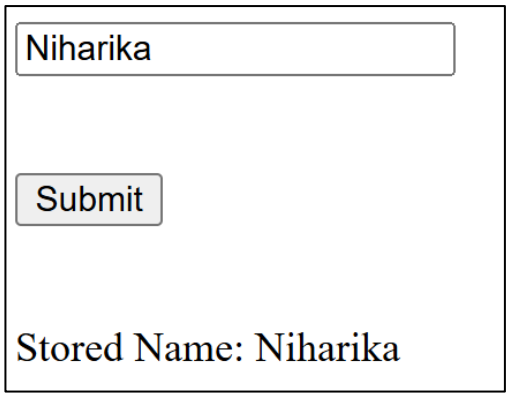
Tale 1 TextBox, 1 Button and 1 Label.

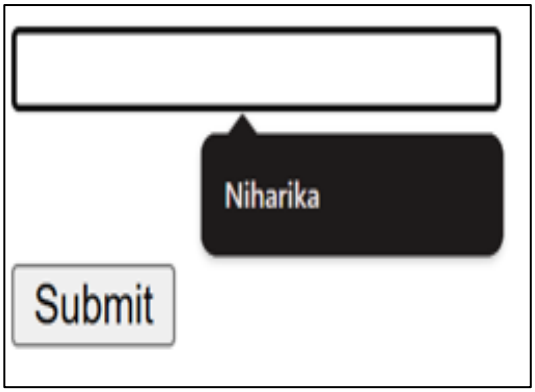
.aspx.cs

```
    protected void btnSubmit_Click(object sender, EventArgs e)
{
    // Store value in ViewState
    ViewState["UserName"] = txtName.Text;
```

```
    // Retrieve from ViewState
    lblResult.Text = "Stored Name: " + ViewState["UserName"].ToString();
}
```

Output





23) Create ASP.NET web page that will display products from the product master table. 28. Create a webpage that will show full details of the product on click.

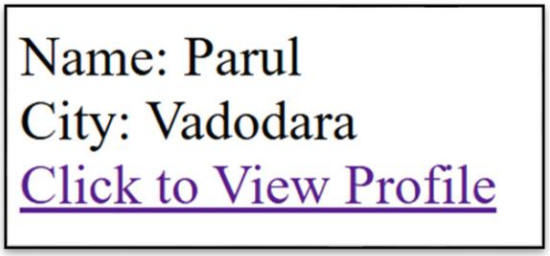
.aspx

```
<div>
    <a href="WebForm1.aspx?name=Parul&city=Vadodara">Click to View Profile</a>
 </div>
```

.aspx.cs

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

    string name = Request.QueryString["name"];
    string city = Request.QueryString["city"];
    Response.Write("Name: " + name + "<br>City: " + city);
}
```

Output



24) Create ASP.NET web page that will display products from the product master table. 28. Create a webpage that will show full details of the product on click.

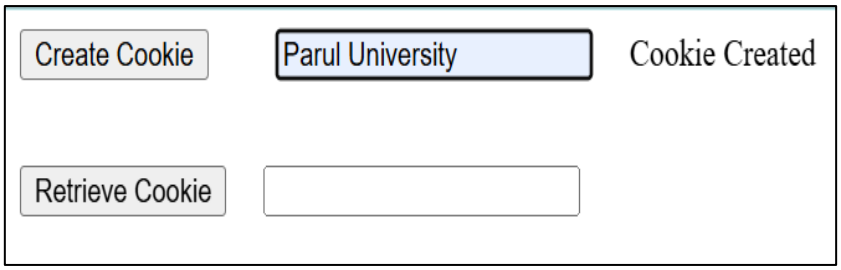
.aspx

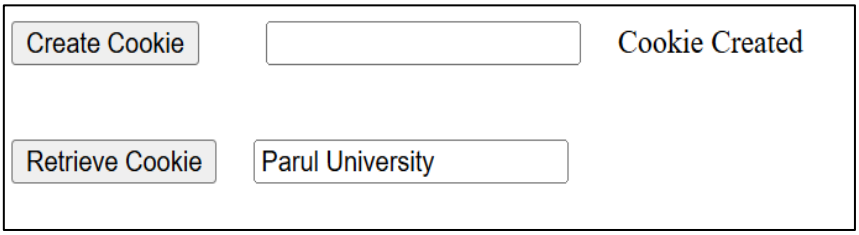
Take 2 TextBox, 2 Button and 1 Label.

.aspx.cs

```
protected void Button1_Click(object sender, EventArgs e)
{
    Response.Cookies["name"].Value = TextBox1.Text;
    Response.Cookies["name"].Expires = DateTime.Now.AddSeconds(20);
    Label1.Text = "Cookie Created";
    TextBox1.Text = "";
}

protected void Button2_Click(object sender, EventArgs e)
{
    if (Request.Cookies["name"] == null)
    {
        TextBox2.Text = "No cookie found";
    }
    else
    {
        TextBox2.Text = Request.Cookies["name"].Value;
    }
}
```

Output

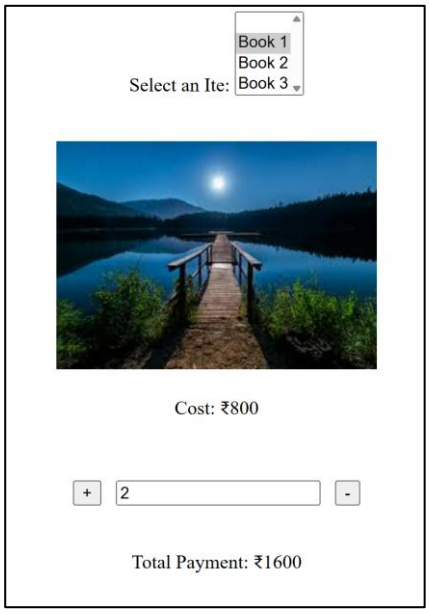

Create Cookie
Parul University
Cookie Created
Retrieve Cookie


Create Cookie
Cookie Created
Retrieve Cookie
Parul University

```
        Image1.ImageUrl = "sleevless.jpg";
        Label1.Text = "Cost: ₹500";
        ViewState["Cost"] = 500;
    }
}
protected void Button1_Click(object sender, EventArgs e)
{
    int quantity = Convert.ToInt32(TextBox1.Text);
    quantity++;
    TextBox1.Text = quantity.ToString();

    CalculateTotal();
}
protected void Button2_Click(object sender, EventArgs e)
{
    int quantity = Convert.ToInt32(TextBox1.Text);
    if (quantity > 0)
    {
        quantity--;
        TextBox1.Text = quantity.ToString();
    }
    CalculateTotal();
}
private void CalculateTotal()
{
    if (ViewState["Cost"] != null)
    {
        int cost = Convert.ToInt32(ViewState["Cost"]);
        int qty = Convert.ToInt32(TextBox1.Text);
        int total = cost * qty;
```

```
        Label2.Text = "Total Payment: ₹" + total.ToString();
    }
}
```

Output



13) Write an asp.net web page that will make student exam details from exam form and generate fee receipt. Exam details: name, exam type year, sem subject's fees.

.aspx

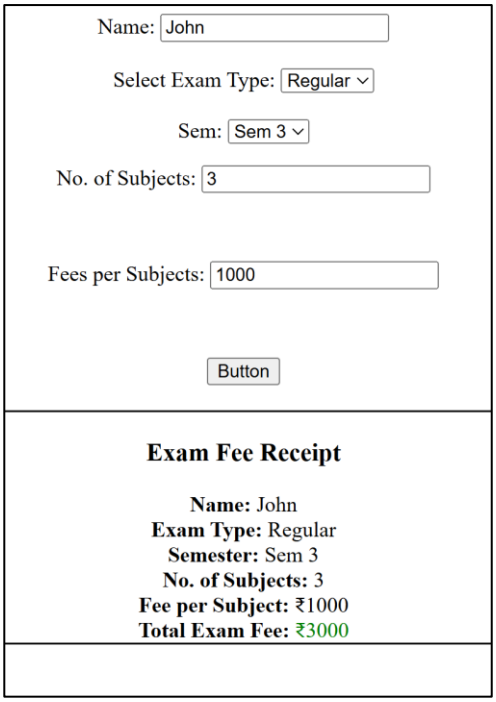
Take 3 TextBoxes, 2 DropDownlists, 1 Button, 1 Panel and 1 Label.

.aspx.cs

```
protected void Button1_Click(object sender, EventArgs e)
{
    string name = TextBox1.Text;
    string examType = DropDownList1.SelectedValue;
    string semester = DropDownList2.SelectedValue;
    int subjects = Convert.ToInt32(TextBox2.Text);
    int feePerSubject = Convert.ToInt32(TextBox3.Text);
    int totalFee = subjects * feePerSubject;

    Label1.Text = $"<b>Name:</b> {name}<br />" +
```

```
        $"<b>Exam Type:</b> {examType}<br />" +
        $"<b>Semester:</b> {semester}<br />" +
        $"<b>No. of Subjects:</b> {subjects}<br />" +
        $"<b>Fee per Subject:</b> ₹{feePerSubject}<br />" +
        $"<b>Total Exam Fee:</b> <span style='color:green;'>₹{totalFee}</span>";
    Panel1.Visible = true;
```

Output



14) Create ASP.NET Webpage that will display data into List box and dropdown list control on button click event using c# code.

.aspx

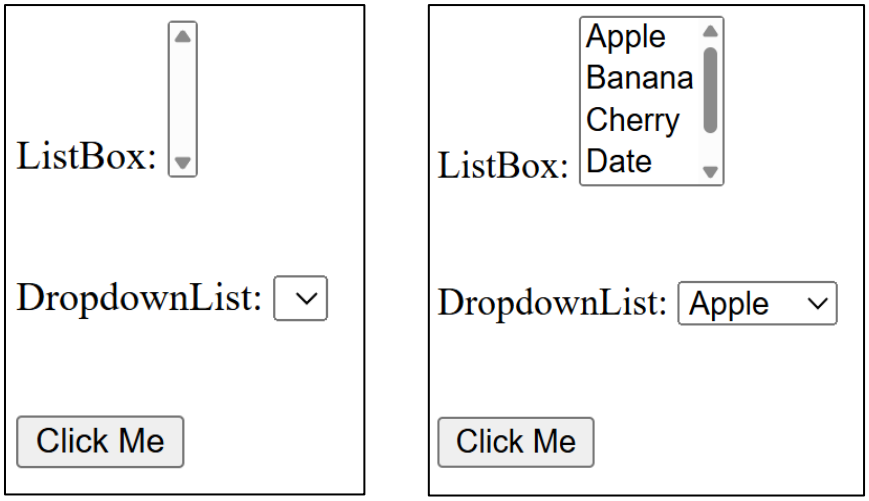
Take 1 ListBox, 1 DropDownList and 1 Button.

.aspx.cs

```
protected void Button1_Click(object sender, EventArgs e)
{
    List<string> items = new List<string> { "Apple", "Banana", "Cherry", "Date", "Mango" };

    // Bind to ListBox
    ListBox1.Items.Clear();
```

```
    ListBox1.DataSource = items;
    ListBox1.DataBind();

    // Bind to DropDownList
    DropDownList1.Items.Clear();
    DropDownList1.DataSource = items;
    DropDownList1.DataBind();
}
}
```

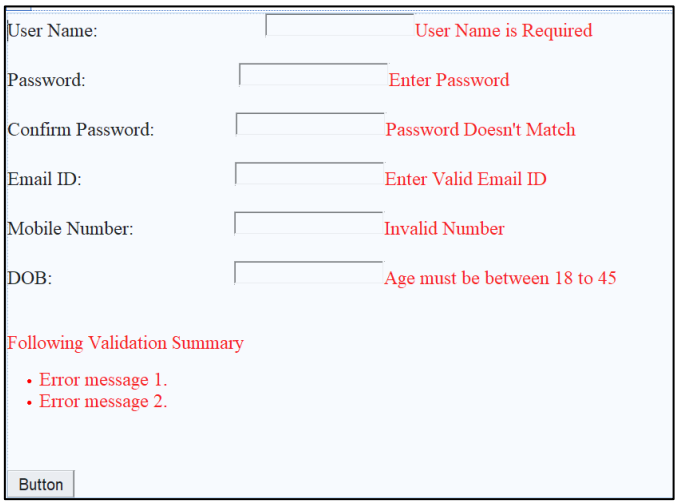
Output



15 to 20) ASP.Net ALL Validations.

.aspx

Take 6 TextBoxes and 1 Button.

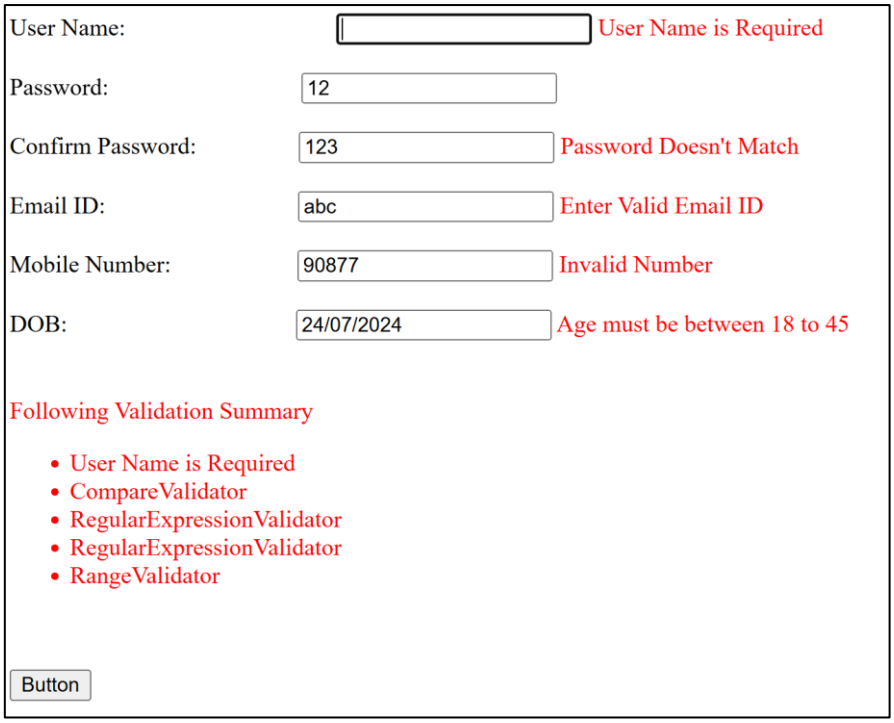


Properties that need to be set for each Validator is ControlToValidate, ErrorMessage, Type, ValidationExpression.

.aspx.cs

```
protected void Page_Load(object sender, EventArgs e)
{
   RangeValidator1.MinimumValue = DateTime.Now.AddYears(-45).ToShortDateString();
   RangeValidator1.MaximumValue = DateTime.Now.AddYears(-18).ToShortDateString();
}

protected void CustomValidator1_ServerValidate(object source, ServerValidateEventArgs args)
{
   int len = args.Value.Length;
   if ( len >=8 && len <=15)
      args.IsValid = true;
   else
   {
   }
      args.IsValid = false;
}
protected void Button1_Click(object sender, EventArgs e)
{
   Response.Write("Form Submitted Sucessfully: " + TextBox1.Text);
}
```

Output



21) Create an ASP.NET Webpage that will take username and password from the user and create session a session for username and display it on a webpage.

.aspx

Take 1 TextBox, 1 Button and 1 Label.

.aspx.cs

```
protected void btnSubmit_Click(object sender, EventArgs e)
{
    Session["UserName"] = txtUserName.Text.ToString();
    Response.Redirect("Home.aspx");
}
```

Home.aspx

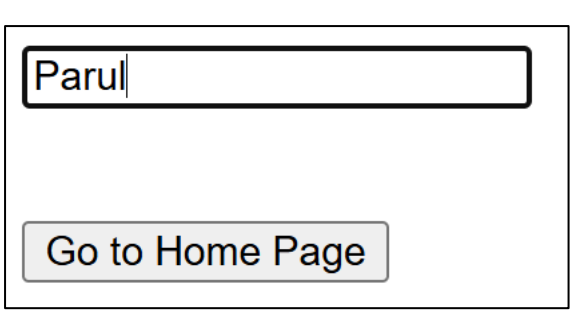
Take 1 Label

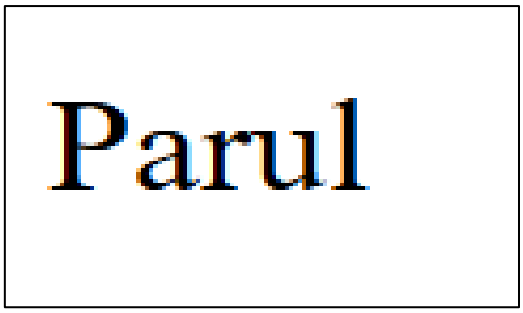
Home.aspx.cs

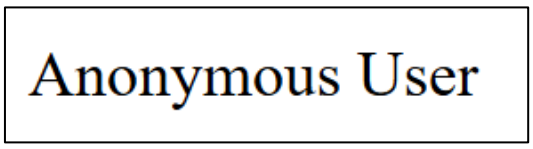
```
protected void Page_Load(object sender, EventArgs e)
{
    if (Session["UserName"] != null && Session["UserName"] != "")
    {
```

```
        lblUserName.InnerText = Session["UserName"].ToString();
    }
    else
    {
        lblUserName.InnerText = "Anonymous User";
    }
}
```

Output







22) Create an ASP.NETwebpage that will make use of viewstate state management technique

.aspx

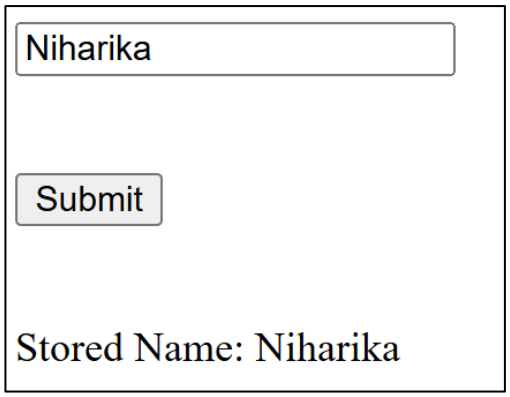
Tale 1 TextBox, 1 Button and 1 Label.

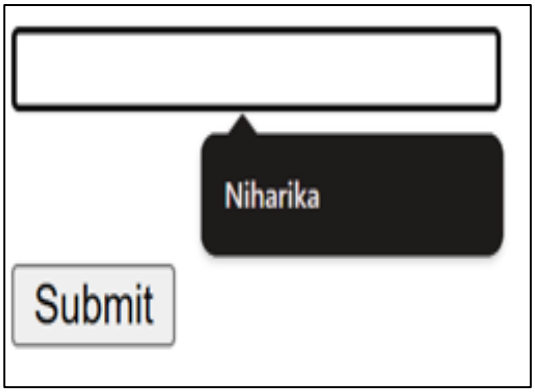
.aspx.cs

```
    protected void btnSubmit_Click(object sender, EventArgs e)
{
    // Store value in ViewState
    ViewState["UserName"] = txtName.Text;
```

```
    // Retrieve from ViewState
    lblResult.Text = "Stored Name: " + ViewState["UserName"].ToString();
}
```

Output





23) Create ASP.NET web page that will display products from the product master table. 28. Create a webpage that will show full details of the product on click.

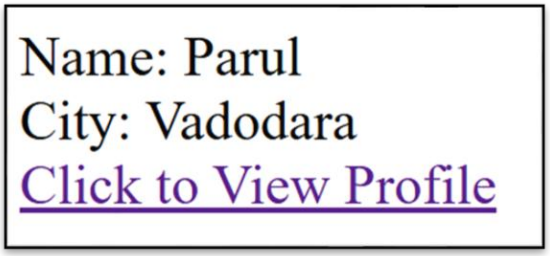
.aspx

```
<div>
    <a href="WebForm1.aspx?name=Parul&city=Vadodara">Click to View Profile</a>
 </div>
```

.aspx.cs

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

    string name = Request.QueryString["name"];
    string city = Request.QueryString["city"];
    Response.Write("Name: " + name + "<br>City: " + city);
}
```

Output



24) Create ASP.NET web page that will display products from the product master table. 28. Create a webpage that will show full details of the product on click.

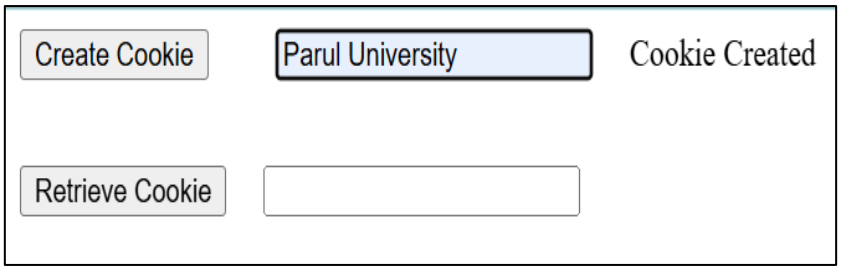
.aspx

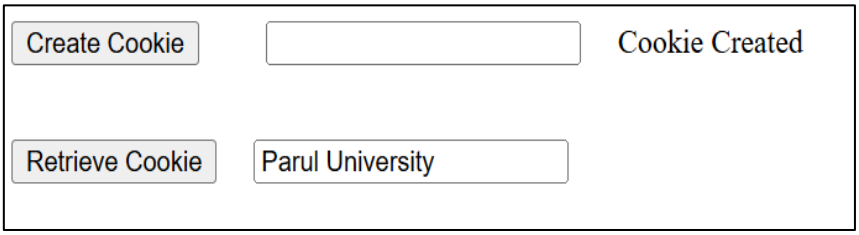
Take 2 TextBox, 2 Button and 1 Label.

.aspx.cs

```
protected void Button1_Click(object sender, EventArgs e)
{
    Response.Cookies["name"].Value = TextBox1.Text;
    Response.Cookies["name"].Expires = DateTime.Now.AddSeconds(20);
    Label1.Text = "Cookie Created";
    TextBox1.Text = "";
}

protected void Button2_Click(object sender, EventArgs e)
{
    if (Request.Cookies["name"] == null)
    {
        TextBox2.Text = "No cookie found";
    }
    else
    {
        TextBox2.Text = Request.Cookies["name"].Value;
    }
}
```

Output


Create Cookie
Parul University
Cookie Created
Retrieve Cookie


Create Cookie
Cookie Created
Retrieve Cookie
Parul University