

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.e.Readonly)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 = "sleeveless.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();

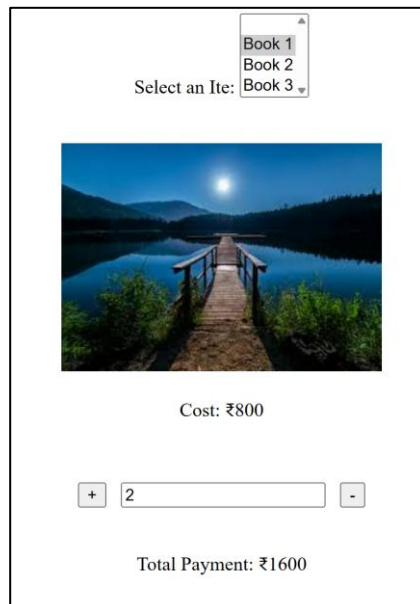
    CalculateTotal();
}
protected void Button2_Click(object sender, EventArgs e)
{
    int quantity = Convert.ToInt32(TextBox1.Text);
    if (quantity > 0)
    {
        quantity--;
        TextBox1.Text = quantity.ToString();
    }
    CalculateTotal();
}
private void CalculateTotal()
{
    if (ViewState["Cost"]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

Name: <input type="text" value="John"/> Select Exam Type: <input type="text" value="Regular"/> Sem: <input type="text" value="Sem 3"/> No. of Subjects: <input type="text" value="3"/> Fees per Subjects: <input type="text" value="1000"/> <input type="button" value="Button"/>
<p align="center">Exam Fee Receipt</p> <p align="center"> Name: John Exam Type: Regular Semester: Sem 3 No. of Subjects: 3 Fee per Subject: ₹1000 Total Exam Fee: ₹3000 </p>

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

The image displays two side-by-side screenshots of a web form. Each screenshot contains a label 'ListBox:' followed by a vertical list box, a label 'DropDownList:' followed by a dropdown menu, and a 'Click Me' button at the bottom.

- Left Screenshot:** The 'ListBox' is empty. The 'DropDownList' is also empty, showing a downward arrow. The 'Click Me' button is visible.
- Right Screenshot:** After clicking the 'Click Me' button, the 'ListBox' is populated with four items: 'Apple', 'Banana', 'Cherry', and 'Date'. The 'DropDownList' now shows 'Apple' as the selected item. The 'Click Me' button remains visible.

15 to 20) ASP.Net ALL Validations.

.aspx

Take 6 TextBoxes and 1 Button.

The image shows a web form with the following fields and validation messages:

- User Name:** User Name is Required
- Password:** Enter Password
- Confirm Password:** Password Doesn't Match
- Email ID:** Enter Valid Email ID
- Mobile Number:** Invalid Number
- DOB:** Age must be between 18 to 45

Below the fields, there is a section titled 'Following Validation Summary' with a bulleted list:

- Error message 1.
- Error message 2.

At the bottom left, there is a 'Button' control.

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

User Name:	<input type="text"/>	User Name is Required
Password:	<input type="password" value="12"/>	
Confirm Password:	<input type="password" value="123"/>	Password Doesn't Match
Email ID:	<input type="text" value="abc"/>	Enter Valid Email ID
Mobile Number:	<input type="text" value="90877"/>	Invalid Number
DOB:	<input type="text" value="24/07/2024"/>	Age must be between 18 to 45

Following Validation Summary

- User Name is Required
- CompareValidator
- RegularExpressionValidator
- RegularExpressionValidator
- RangeValidator

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"] != "")
    {
```

```

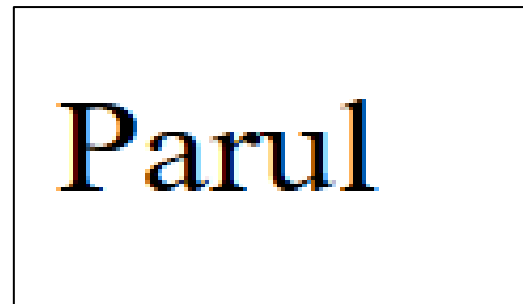
        lblUserName.InnerText = Session["UserName"].ToString();
    }
    else
    {
        lblUserName.InnerText = "Anonymous User";
    }
}

```

Output



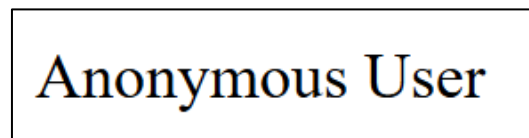
A screenshot of a web form. It features a text input field containing the name "Parul" and a button labeled "Go to Home Page" below it.



A screenshot showing the output of the web page, which displays the name "Parul" in a large, stylized font.



A screenshot of a web form. It features an empty text input field and a button labeled "Go to Home Page" below it.



A screenshot showing the output of the web page, which displays the text "Anonymous User" in a large, stylized font.

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

```

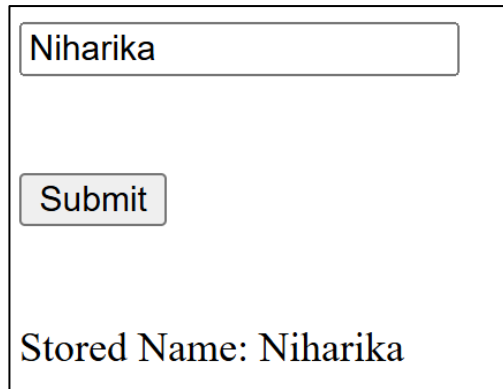
protected void btnSubmit_Click(object sender, EventArgs e)
{
    // Store value in ViewState
    ViewState["UserName"] = txtName.Text;
}

```

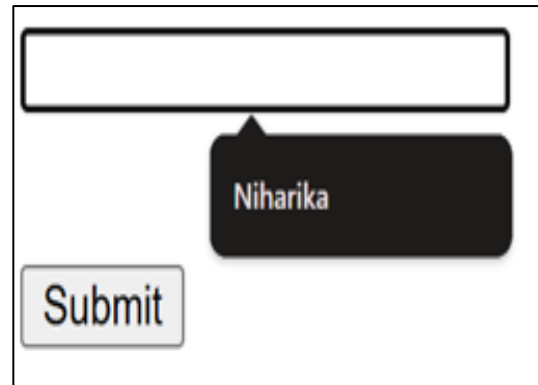


```
// Retrieve from ViewState  
lblResult.Text = "Stored Name: " + ViewState["UserName"].ToString();  
}
```

Output



A screenshot of a web form. At the top is a text input field containing the name "Niharika". Below the input field is a "Submit" button. At the bottom of the form, the text "Stored Name: Niharika" is displayed.



A screenshot of the same web form after the "Submit" button has been clicked. The input field is now empty. A dark tooltip box with the name "Niharika" is positioned over the input field. The "Submit" button remains at the bottom.

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

Name:

City:

[Click to View Profile](#)

Name: Parul

City: Vadodara

[Click to View Profile](#)

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	