# 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")

    {
```

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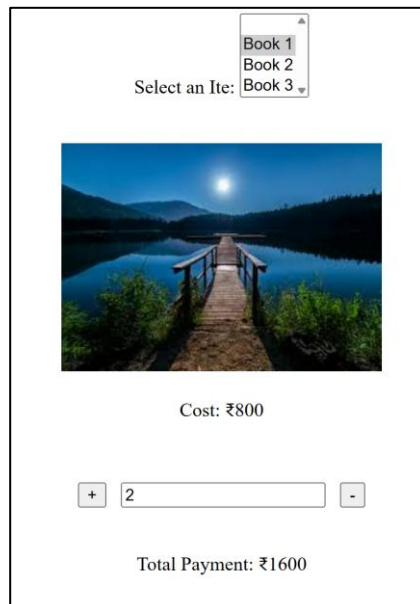
```
      Label2.Text = "Total Payment: ₹" + total.ToString();

   }

}
```

**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();

}

}
```

**.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**

| User Name: | | | User Name is Required |
| Password: | 12 | | |
| Confirm Password: | 123 | | Password Doesn't Match |
| Email ID: | abc | | Enter Valid Email ID |
| Mobile Number: | 90877 | | Invalid Number |
| DOB: | 24/07/2024 | | Age must be between 18 to 45 |

Following Validation Summary

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

Button

**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"] != "")

    {
```
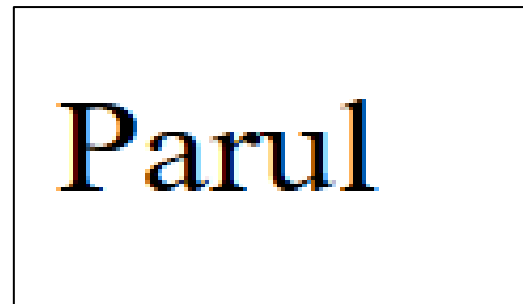
```
        lblUserName.InnerText = Session["UserName"].ToString();

    }

    else

    {

        lblUserName.InnerText = "Anonymous User";

    }

}
```
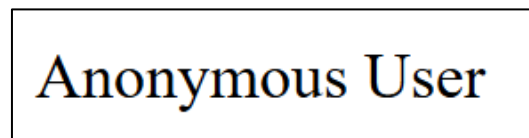
**Output**

**.aspx**

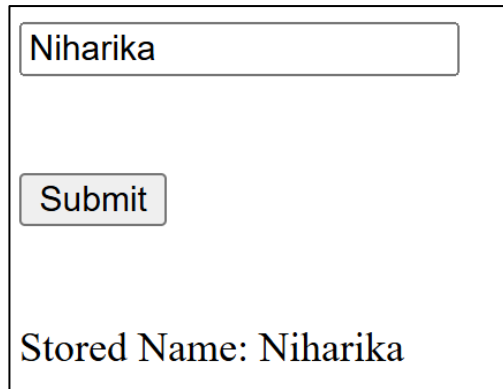Tale 1 TextBox, 1 Button and 1 Label.

**.aspx.cs**

```
    protected void btnSubmit_Click(object sender, EventArgs e)

{

    // Store value in ViewState

    ViewState["UserName"] = txtName.Text;
```
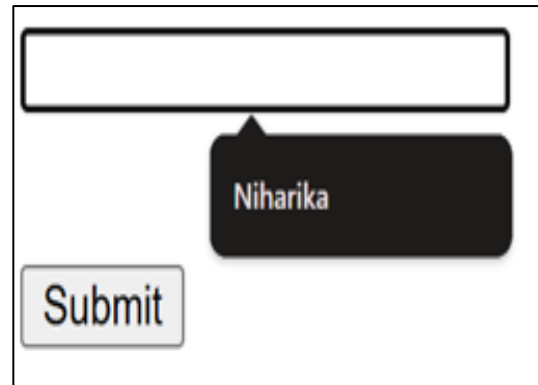
```
    // Retrieve from ViewState

    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**

Name:
City:
Click to View Profile

Name: Parul
City: Vadodara
Click to View Profile

**.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 | |