

## Practical No. 5

## Working with View State and QueryString State.

**a) Create a Web Application to demonstrate View State.**

## WebForm1.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="ViewState.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:Label ID="lblstr" runat="server" Text="Enter String:"></asp:Label>
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~
            <asp:TextBox ID="txtstr" runat="server" Height="22px" Width="135px"></asp:TextBox>
            <br />
            <br />
            <asp:Button ID="btnres" runat="server" OnClick="btnres_Click" Text="Reset" />
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~
            <asp:Button ID="btndis" runat="server" OnClick="btndis_Click" Text="Display" />
            <br />
            <br />
            <asp:Label ID="lblresult" runat="server"></asp:Label>
        </div>
    </form>
</body>
</html>
```

## WebForm1.aspx.cs

```
using System;  
using System.Collections.Generic;  
using System.Linq;  
using System.Web;  
using System.Web.UI;  
using System.Web.UI.WebControls;
```

```

namespace ViewState
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            if(!IsPostBack)
            {
                String str = "Advanced Web Programming";
                if(ViewState["nam"]== null)
                {
                    ViewState["nam"] = str;
                }
            }
        }

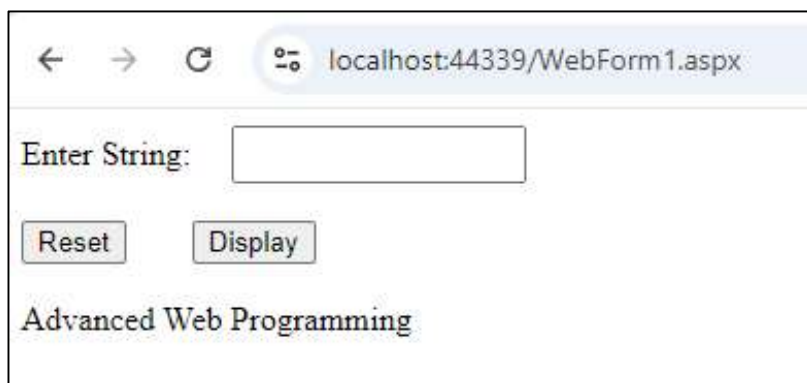
        protected void btndis_Click(object sender, EventArgs e)
        {
            lblresult.Text = ViewState["nam"].ToString();
        }

        protected void btnres_Click(object sender, EventArgs e)
        {
            ViewState["nam"] = txtstr.Text;
            txtstr.Text = "";
        }
    }
}

```

## Output:

---



← → ↻ 🌐 localhost:44339/WebForm1.aspx

Enter String:

Advanced Web Programming

← → ↻ 📄 localhost:44339/WebForm1.aspx

Enter String:

Enterprise Java

← → ↻ 📄 localhost:44339/WebForm1.aspx

Enter String:

Enterprise Java

## b) Create a Web Application to demonstrate QueryString State of ASP.net pages.

### WebForm1.aspx

---

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="QueryStringPractical.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            </div>
        <asp:Label ID="Label1" runat="server" Text="UserName:"></asp:Label>
        <asp:TextBox ID="txtname" runat="server" style="margin-left: 10px"></asp:TextBox>
        <br />
        <br />
        <asp:Label ID="Label2" runat="server" Text="User ID:"></asp:Label>
        <asp:TextBox ID="txtid" runat="server" style="margin-left: 10px"></asp:TextBox>
        <br />
        <br />
        <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Show" />
    </form>
</body>
</html>
```

### WebForm2.aspx

---

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs"
Inherits="QueryStringPractical.WebForm2" %>

<!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="lblname" runat="server" Text="Label"></asp:Label>
            <br />
        </div>
    </form>
</body>
</html>
```

```

        <br />
        <asp:Label ID="lblid" runat="server" Text="Label"></asp:Label>
    </div>
</form>
</body>
</html>

```

## WebForm1.aspx.cs

---

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace QueryStringPractical
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Button1_Click(object sender, EventArgs e)
        {
            Response.Redirect("WebForm2.aspx?username=" + txtname.Text + "&userid=" +
txtid.Text);
        }
    }
}

```

## WebForm2.aspx.cs

---

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace QueryStringPractical
{
    public partial class WebForm2 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)

```

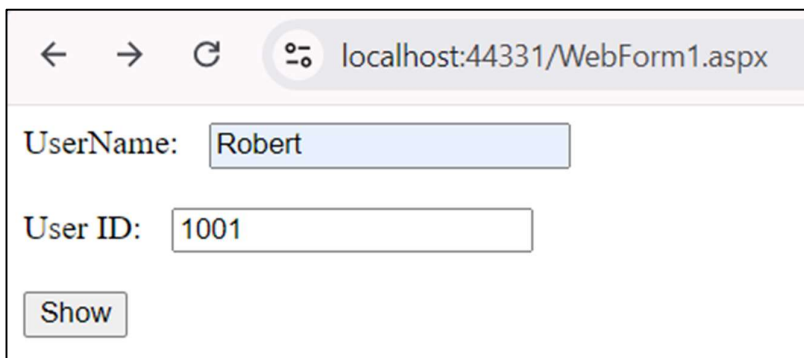
```

    {
        if((Request.QueryString[0] != null)&&(Request.QueryString[0]!=string.Empty))
        {
            lblname.Text = Request.QueryString[0];
            lblid.Text = Request.QueryString[1];
        }
    }
}
}
}

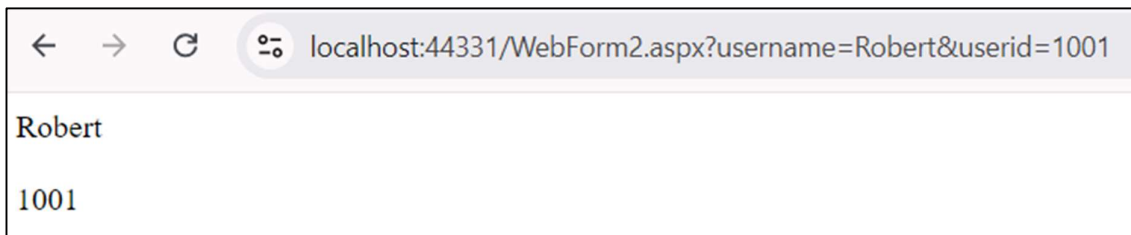
```

### Output:

---



A screenshot of a web browser window. The address bar shows 'localhost:44331/WebForm1.aspx'. The page content includes a label 'UserName:' followed by a text input field containing 'Robert'. Below this is a label 'User ID:' followed by a text input field containing '1001'. At the bottom left is a button labeled 'Show'.



A screenshot of a web browser window. The address bar shows 'localhost:44331/WebForm2.aspx?username=Robert&userid=1001'. The page content displays the values from the first form: 'Robert' on the first line and '1001' on the second line.