

Practical 5

c) Aim: Create a web application to demonstrate various states of ASP.NET Pages.

1) View State

Code:

Default.aspx

```
<%@ Page Title="Home Page" Language="C#" MasterPageFile="~/Site.master" AutoEventWireup="true"
CodeBehind="Default.aspx.cs" Inherits="viewstate._Default" %>
```

```
<asp:Content ID="HeaderContent" runat="server" ContentPlaceHolderID="HeadContent">
```

```
</asp:Content>
```

```
<asp:Content ID="BodyContent" runat="server" ContentPlaceHolderID="MainContent">
```

```
<p>
```

```
<br />
```

```
<asp:Button ID="Button1" runat="server" onclick="Button1_Click" Text="click" />
```

```
</p>
```

```
<p>
```

```
<asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
```

```
</p>
```

```
</asp:Content>
```

Default.aspx.cs

```
using System;
```

```
using System.Collections.Generic;
```

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```
using System.Linq;
```

```
using System.Web;
```

```
using System.Web.UI;
```

```
using System.Web.UI.WebControls;
```

```
namespace viewstate
```

```
{
```

```
    public partial class _Default : System.Web.UI.Page
```

```
    {
```

```
        int i = 0;
```

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

```
        {
```

```
            if (!IsPostBack)
```

```
            {
```

```
                ViewState["data"] = i;
```

```
            }
```

```
        }
```

```
        protected void Button1_Click(object sender, EventArgs e)
```

```
        {
```

```
            i = (int)ViewState["data"];
```

```
            Label1.Text = (++i).ToString();
```

```
            ViewState["data"] = i;
```

```
        }
```

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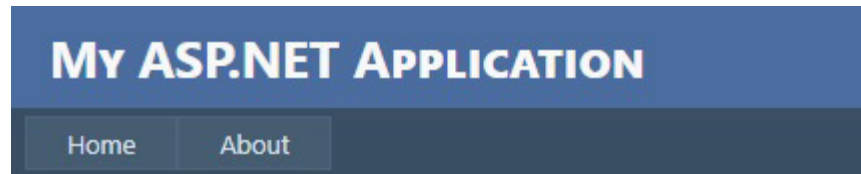
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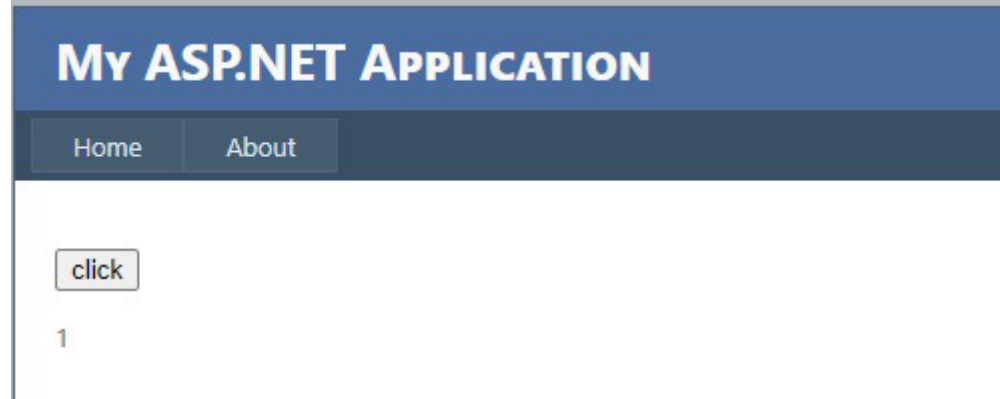
```
}  
  
}
```

Output:



click

Label



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My ASP.NET APPLICATION

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2) Session State

Code:

Default.aspx

```
<%@ Page Title="Home Page" Language="C#" MasterPageFile="~/Site.master" AutoEventWireup="true"
```

```
CodeBehind="Default.aspx.cs" Inherits="WebApplication25._Default" %>
```

```
<asp:Content ID="HeaderContent" runat="server" ContentPlaceHolderID="HeadContent">
```

```
</asp:Content>
```

```
<asp:Content ID="BodyContent" runat="server" ContentPlaceHolderID="MainContent">
```

```
    <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
```

```
    <br />
```

```
    <br />
```

```
    <asp:Button ID="Button1" runat="server" onclick="Button1_Click" Text="Button" />
```

```
    <br />
```

```
    <br />
```

```
</asp:Content>
```

Default.aspx.cs

```
using System;
```

```
using System.Collections.Generic;
```

```
using System.Linq;
```

```
using System.Web;
```

```
using System.Web.UI;
```

```
using System.Web.UI.WebControls;
```

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```
namespace WebApplication25
```

```
{
```

```
    public partial class _Default : System.Web.UI.Page
```

```
    {
```

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

```
        {
```

```
        }
```

```
        protected void Button1_Click(object sender, EventArgs e)
```

```
        {
```

```
            Session["data"] = TextBox1.Text;
```

```
            Response.Redirect("Default1.aspx");
```

```
        }
```

```
    }
```

```
}
```

Default1.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Default1.aspx.cs"  
Inherits="WebApplication25.Default1" %>
```

```
<!DOCTYPE html />
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head runat="server">
```

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```
<title></title>

</head>

<body>

    <form id="form1" runat="server">

        <div>

            </div>

        </form>

    </body>

</html>
```

Default1.aspx.cs

```
using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace WebApplication25

{

    public partial class Default1 : System.Web.UI.Page

    {

        protected void Page_Load(object sender, EventArgs e)

        {

            if (!IsPostBack)
```

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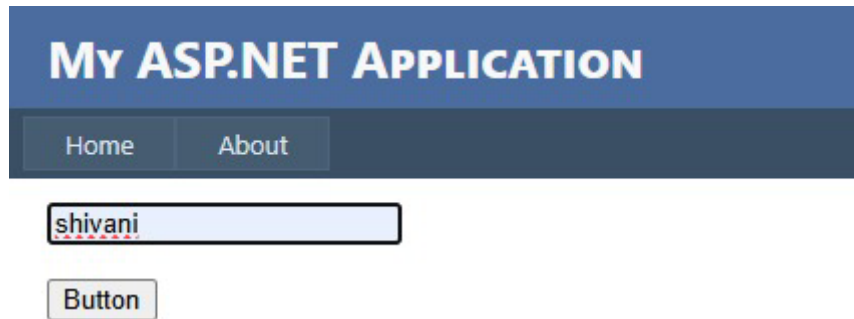
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```
{  
    Response.Write(Session["data"].ToString());  
}  
}  
}  
}
```

Output:



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