

Practical No. - 5.3

Aim:- Implementation Of Client Side State Query String Code:

Default5.aspx

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

public partial class Default5 : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {

    }

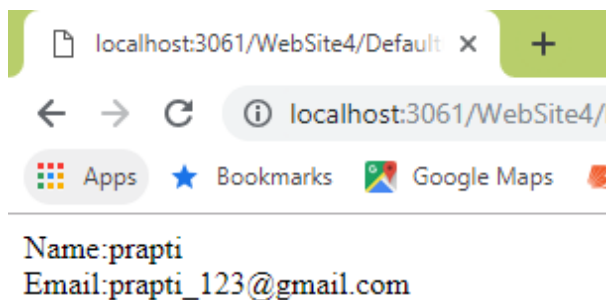
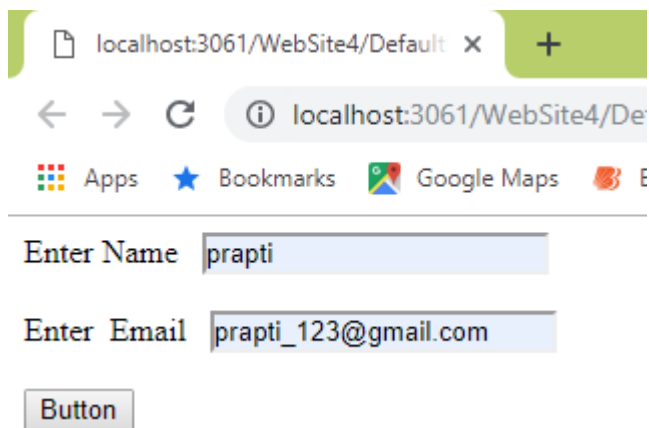
    protected void Button1_Click(object sender, EventArgs e)
    {
        string url;
        url = "Default6.aspx?nm=" + TextBox1.Text + "&em=" + TextBox2.Text;
        Response.Redirect(url);
    }
}
```

Default6.aspx

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

public partial class Default6 : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        Response.Write("Name:" + Request.QueryString["nm"].ToString() + "<br>");
        Response.Write("Email:" +
Request.QueryString["em"].ToString());
    }
}
```

Output:



Practical No. - 5.4

Aim:- Implementation Of Server Side State In-Process

Code:

Default.aspx.cs

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

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["nm"] = TextBox1.Text; Session["em"]
        = TextBox2.Text;
        Response.Redirect("Default2.aspx");
    }
}
```

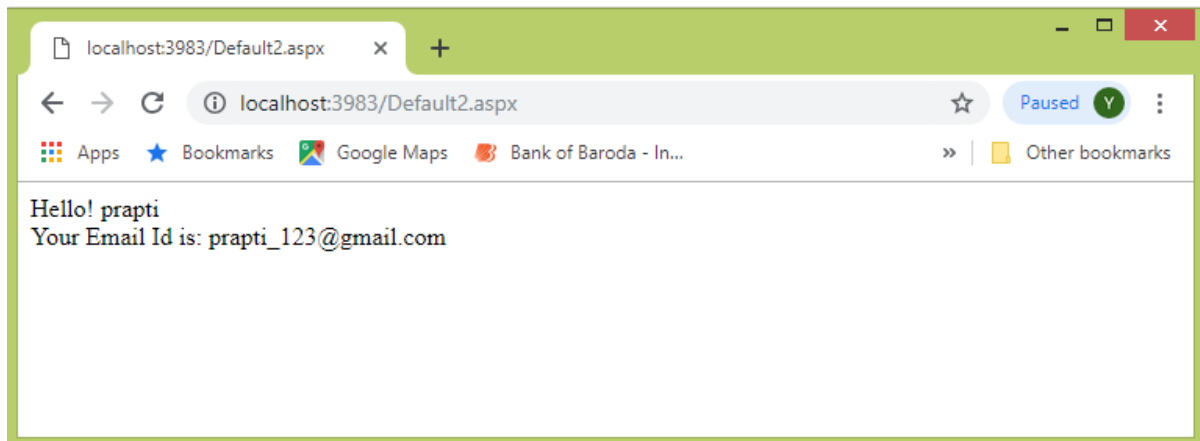
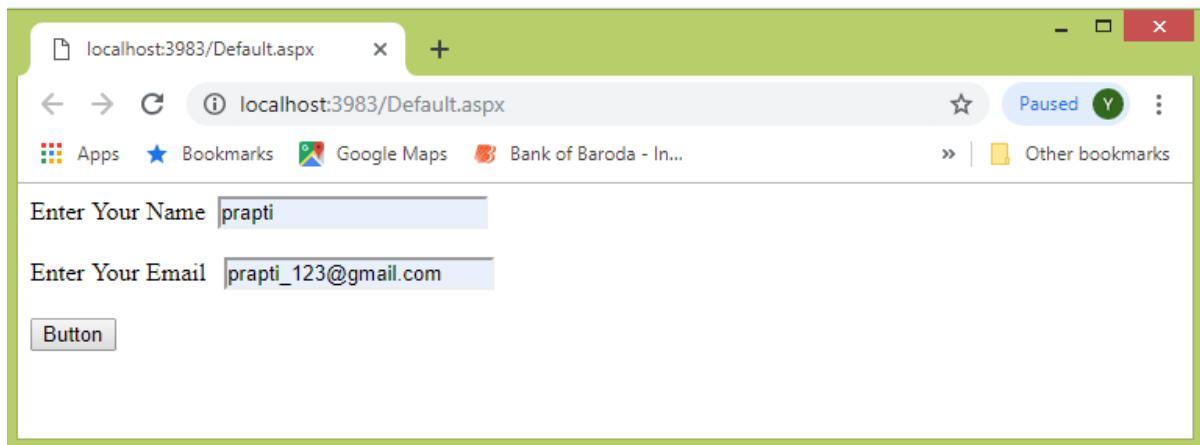
Default2.aspx

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

```
public partial class Default2 : System.Web.UI.Page
{

protected void Page_Load(object sender, EventArgs e)
    {
        Response.Write("Hello! " + Session["nm"] + "<br>"); Response.Write("Your Email Id
        is: " + Session["em"]);
    }
}
```

Output:



Practical No. - 5.5

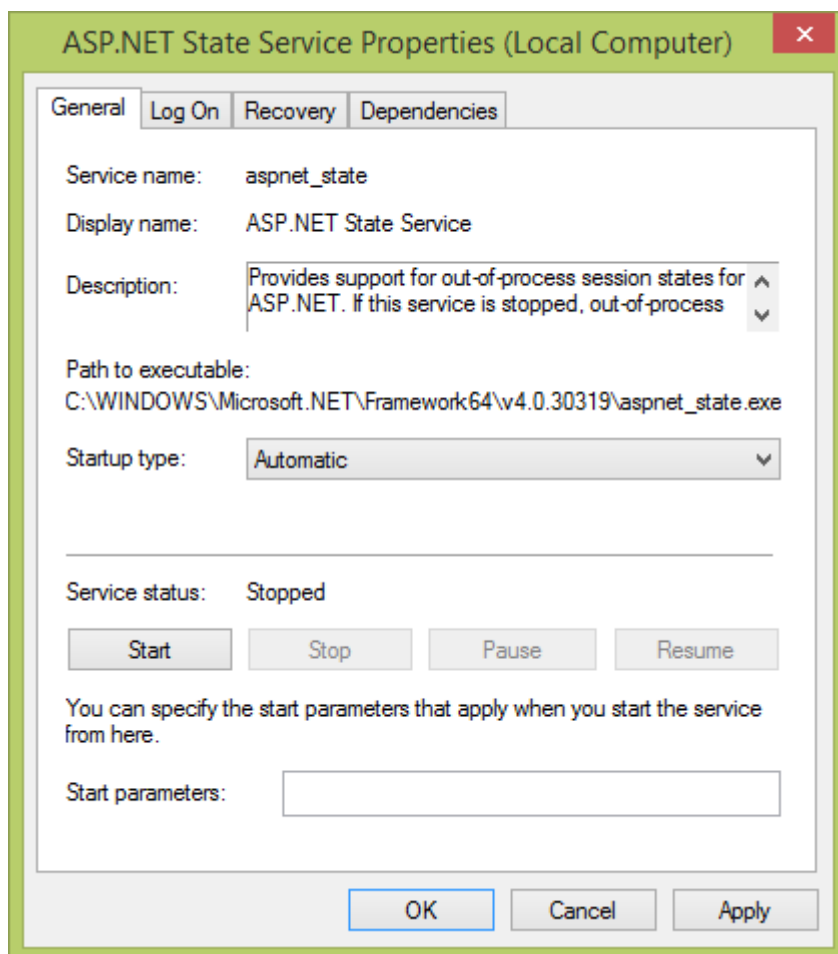
Aim:- Implementation Of Server Side State Server

Code:

To Run Program In This Session Mode We Have To Start Asp.Net Services.

For That Search Services >> Right Click On Asp.Net State Service >>

Properties >> Set The Startup Type As Automatic >> Click On Apply >> Click On Start



Web.config

```
<?xml version="1.0"?>
```

```
<!--
```

For more information on how to configure your ASP.NET application, please visit

<http://go.microsoft.com/fwlink/?LinkId=169433>

```
-->
```

```
<configuration>
```

```
  <system.web>
```

```
    <sessionState mode="StateServer"
stateConnectionString="tcpip=localhost:42424"
stateNetworkTimeout="40"></sessionState>
```

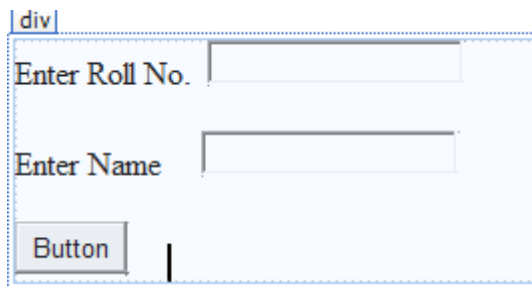
```
    <compilation debug="true" targetFramework="4.5"/>
```

```
    <httpRuntime targetFramework="4.5"/>
```

```
  </system.web>
```

```
</configuration>
```

Design



Class1.cs

```
using System;
```

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

```
System.Linq;
```

```
using System.Web;
```

```
/// <summary>
```

```
/// Summary description for Class1
```

```
/// </summary>
```

```
/// [Serializable]
```

```
public class Student
```

```
{
```

```
public Student()
{
    //
    // TODO: Add constructor logic here
    //
}
int roll; string
nm;
public int Rollno
{
    get
    {
        return roll;
    }
    set
    {
        roll = value;
    }
}
public string Name
{
    get
    {
        return nm;
    }
    set
    {
        nm = value;
    }
}
public Student(int roll, string nm)
{
    this.roll = roll; this.nm
    = nm;
}
}
```

Default3.aspx.cs

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

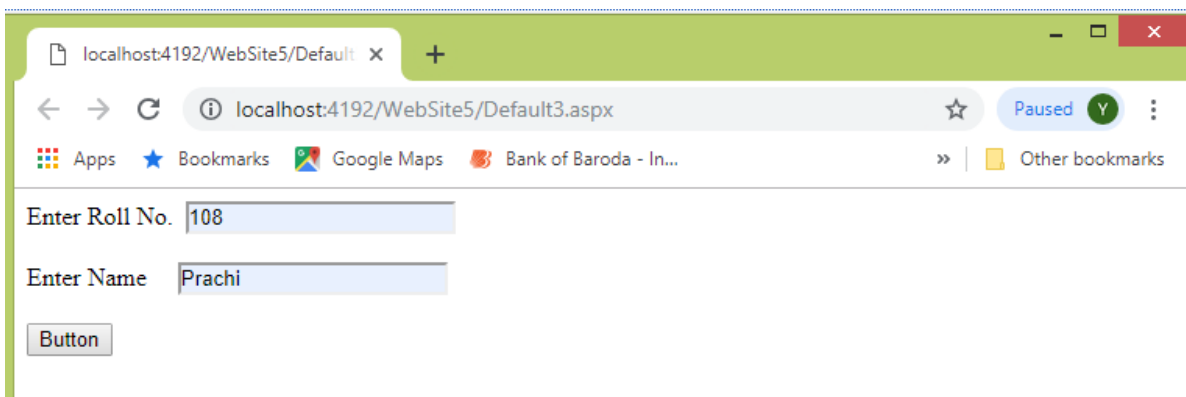
public partial class Default3 : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {

    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        Student obj = new Student(Int32.Parse(TextBox1.Text),
        TextBox2.Text);
        Session["s"] = obj; Student s1 =
        new Student(); s1 =
        (Student)Session["s"];

        Response.Write("Name: " + s1.Name + "<br>");
        Response.Write("Roll No: " + s1.Rollno);
    }
}
```

Output:



Practical No. - 5.6

Aim:- Implementation Of Server Side State SQL Server

Code:

SQLSession.aspx

```
<%@ Page Language="C#" AutoEventWireup="true"  
CodeFile="SQLSession.aspx.cs" Inherits="SQLSession" %>
```

```
<!DOCTYPE html>
```

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

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

```
<title></title>
```

```
</head>
```

```
<body>
```

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

```
<div>
```

Enter Name :

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

```
<br />
```

```
<br />
```

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

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

Student.cs

```
using System;
using System.Collections.Generic; using System.Linq; using System.Web;
/// <summary>
/// Summary description for Details
/// </summary> public class Student
{
    string nm;
    public string Name
    {
        get{
            return nm; nm=value;
        }
        set{

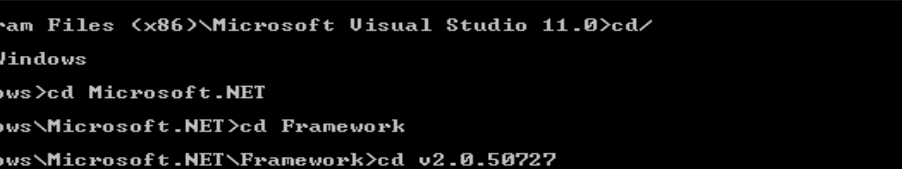
        }
    }
    public Student()
    {

    }

    public Student(string nm)
    {
        this.nm = nm;
    }
}
```

Configure Sql Server

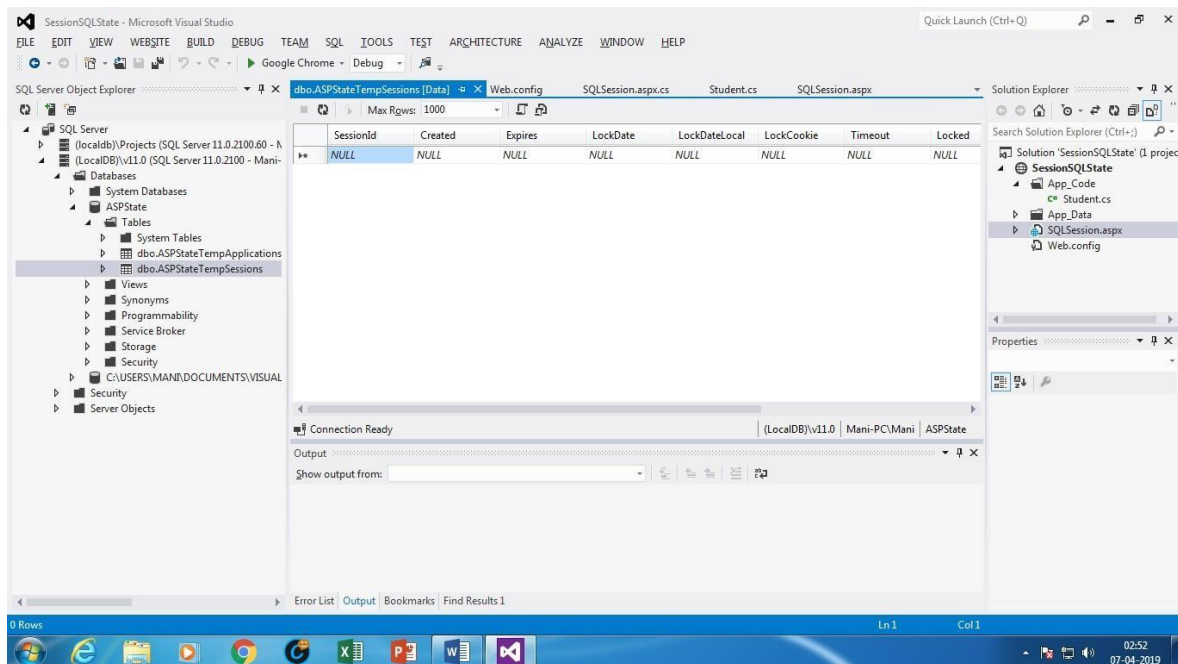
```
aspnet_regsql -S (LocalDB)\v11.0 -E -ssadd -sstype p
```



```
C:\Program Files (x86)\Microsoft Visual Studio 11.0>cd/  
C:\>cd Windows  
C:\Windows>cd Microsoft.NET  
C:\Windows\Microsoft.NET>cd Framework  
C:\Windows\Microsoft.NET\Framework>cd v2.0.50727  
C:\Windows\Microsoft.NET\Framework\v2.0.50727>aspnet_regsql -S (LocalDB)\v11.0 -  
E -ssadd -sstype p  
Start adding session state.  
.....  
Finished.  
C:\Windows\Microsoft.NET\Framework\v2.0.50727>
```

After configuring

Two tables will be created i.e.

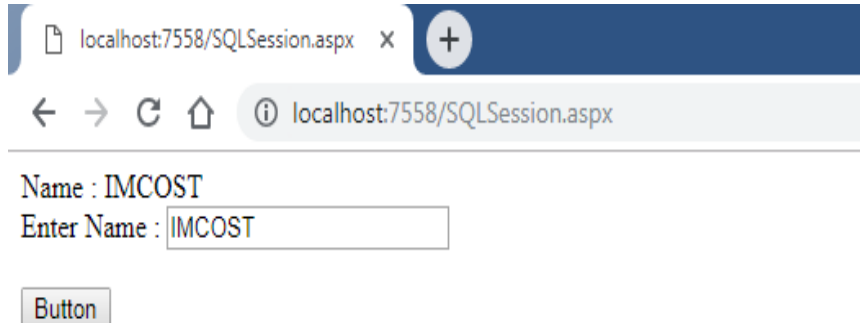
dbo.ASPStateTempApplications **dbo.ASPStateTempSessions**

SQLSession.aspx.cs

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

public partial class SQLSession : System.Web.UI.Page
{
protected void Button1_Click(object sender, EventArgs e)
{
Student s = new Student(TextBox1.Text); Session["nm"] = s;
Response.Write("Name : " + s.Name);
}
}
```

Output:



dbo.ASPStateTempSess

The screenshot shows the Microsoft Visual Studio IDE with the following components:

- SQL Server Enterprise Explorer:** Displays the database structure for `(localdb)\Project`. The `ASPState` database is expanded, showing the `dbo` schema and the `ASPStateTempSess` table.
- Table Data:** The `ASPStateTempSess` table is displayed with the following columns: `SessionId`, `Created`, `Expires`, `LockDate`, `LockDateLocal`, `LockCookie`, `Timeout`, and `Locked`. The data shows a single session with `SessionId` `msccff80a17800` and `Created` `06-04-2019 21:13...`.
- Error List:** The Error List pane shows a `Live Event: Debugger Break` message, indicating a break in the debugger session because a user paused the session. The thread is `Main Thread [3808]`.

Practical No. - 5.12

Aim:- Implementation Of Theme And Add CSS And Skin In It

Code:

default.aspx

```
<%@ Page Language="C#" AutoEventWireup="true"
CodeFile="Default.aspx.cs" Inherits="_Default"
StylesheetTheme="SkinFile"%>
```

```
<!DOCTYPE html>
```

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

<head runat="server">

<title></title>

</head>

<body>

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

[illegible]

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

```
<asp:Button ID="Button1" runat="server"
```

```
OnClick="Button1_Click" Text="Click" />
```


[illegible]

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

</form>

</body>

</html>

SkinFile.skin

```
<asp:TextBox      runat="server" BackColor="#CC66FF"
  BorderColor="Black"></asp:TextBox>
```

```
<asp:Button      runat="server" BackColor="Yellow"
  BorderColor="Black" Text="Button" ></asp:Button>
```

```
<asp:Label       runat="server" BackColor="#FFCCCC"></asp:Label>
```

Output:

