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);


    }
}
```
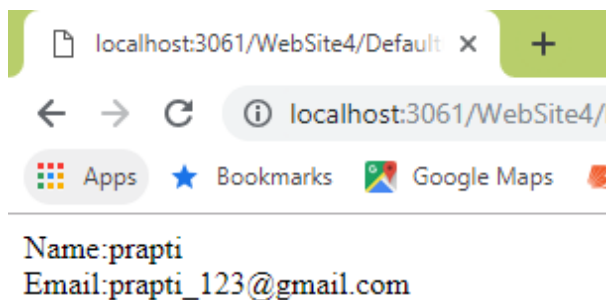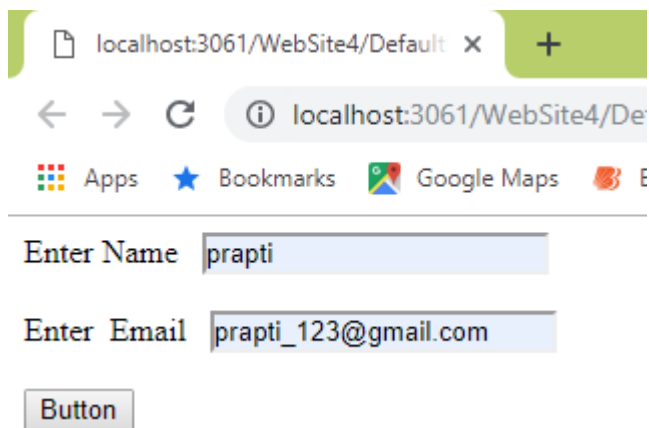
Default6.aspx

```
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");
    }
}
```
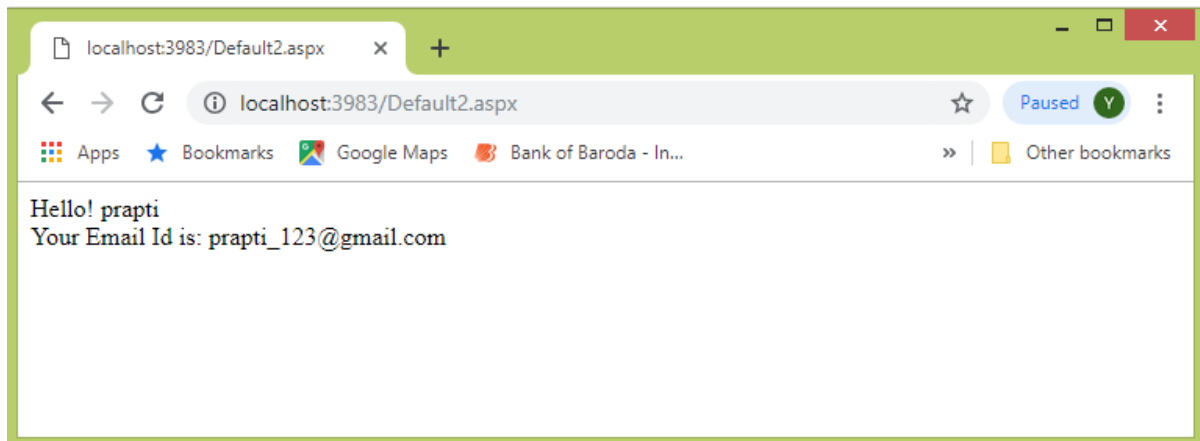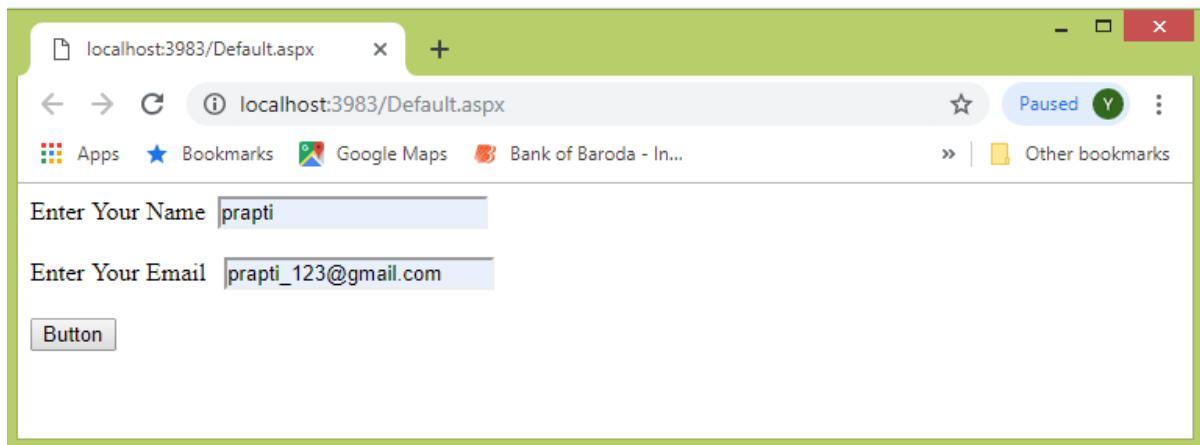
Default2.aspx

```
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"]);
    }
}
```
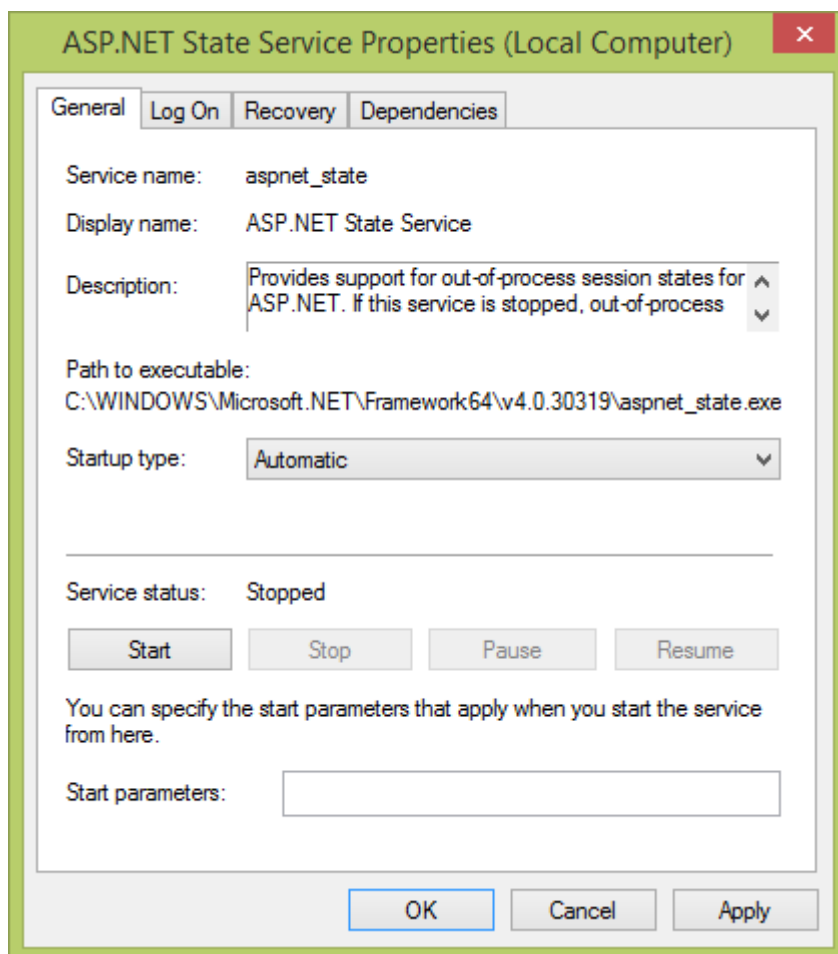
Output:

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>
```
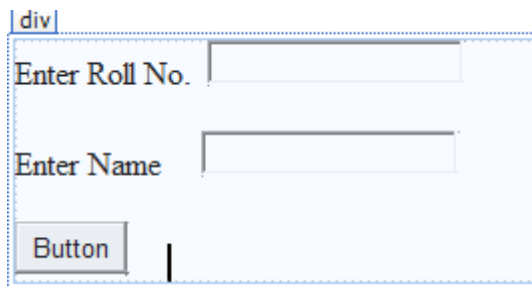
Design

Class1.cs

```csharp
using System;
using System.Collections.Generic; using
System.Linq;
using System.Web;

/// <summary>
/// Summary description for Class1
/// </summary>
/// [Serializable]
public class Student
{
```

```csharp
    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);
    }
}
```
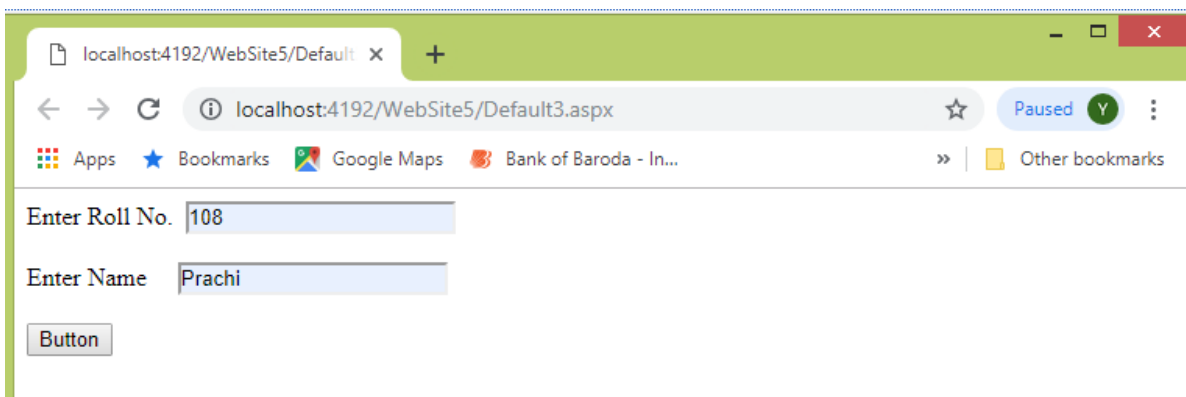
Output:

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

```csharp
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;
}
}
```
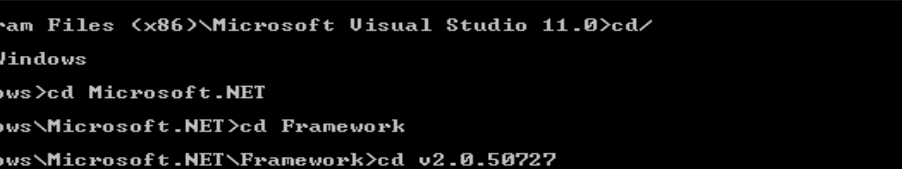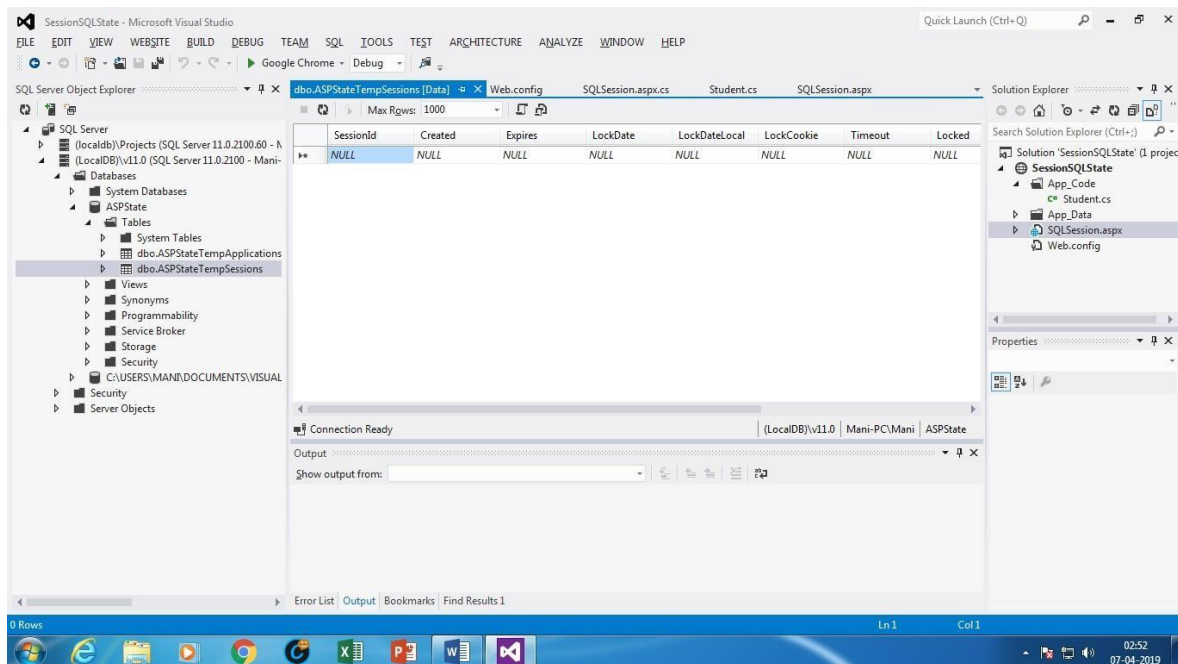
Configure Sql Server

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

After configuring

Two tables will be created i.e.

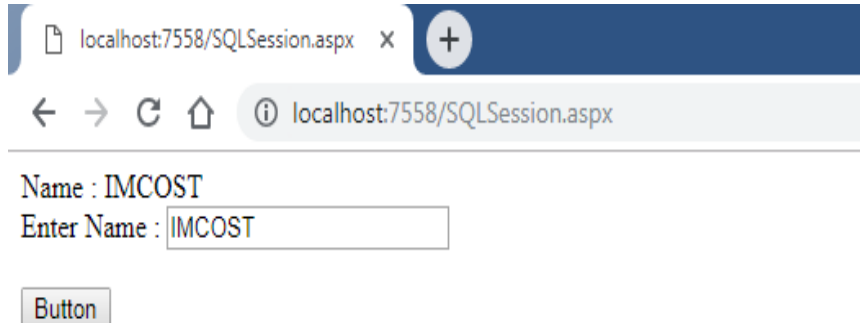## dbo.ASPStateTempApplications dbo.ASPStateTempSessions

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

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">

                                               

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

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

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

```
            </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: