Practical 7

a) Aim: Create a web application to demonstrate Form Security and Windows Security with proper Authentication and Authentication Properties.

Code:

WebForm1.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="WebApplication4.WebForm1" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">

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

<head runat="server">

    <title></title>

</head>

<body>

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

    <div>

        <asp:Label ID="txtuser" runat="server" Text="User Name :"></asp:Label>

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

        <br />

        <br />

        <asp:Label ID="txtpwd" runat="server" Text="password"></asp:Label>

        <asp:TextBox ID="TextBox2" runat="server"    TextMode="Password"></asp:TextBox>

        <br />

        <br />
```

Name : Suraj Vishwakarma
Sem V

Class: TYBSc IT

Roll No.: 22096
Advanced Web Development
Date: 5.10.2024

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

        <br />

        <br />

        <asp:CheckBox ID="chkrem" runat="server" Text="[chkrem] check here if this is not a public computer" />

        <br />

        <asp:Label ID="Label1" 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;

//using static System.Net.Mime.MediaTypeName;

namespace WebApplication4

{

    public partial class WebForm1 : System.Web.UI.Page

    {

        protected void Page_Load(object sender, EventArgs e)

        {
```

```
}

protected bool authenticate(String uname, String pass)

{

    if (uname == "Shivani")

    {

        if (pass == "Shivani123")

        {

            return true;

        }

    }

    if (uname == "Sharon")

    {

        if (pass == "Sharon123")

        {

            return true;

        }

    }

    if (uname == "Anshi")

    {

        if (pass == "Anshi123")

        {

            return true;

        }

    }

    return false;
```

```
    }

    protected void Button1_Click(object sender, EventArgs e)

    {

        if (authenticate(TextBox1.Text, TextBox2.Text))

        {

            //FormsAuthentication.RedirectFromLoginPage(TextBox1.Text, chkrem.Checked);

            Session["Username"] =TextBox1.Text;

            Response.Redirect("WebForm2.aspx");

        }

        else{

            Response.Write("Invalid user name or password");

        }

    }

}
```

WebForm2.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs"
Inherits="WebApplication4.WebForm2" %>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">

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

<head runat="server">
```

```
    <title></title>

</head>

<body>

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

    <div>

    <h1>Successfully login</h1>

    </div>

    </form>

</body>

</html>
```

Output:

User Name : Shivani

password ••••••••••

Login

☑ [chkrem] check here if this is not a public computer
Label

Successfully login