

Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

7

LIST OF TASKS

TASK NO	OBJECTIVE
1	Create Signup using webform and master page.
2	Create Calculator using webform and master page

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Task# 01: - Create Signup using webform and master page.**Solution: -****Master page: -**

```
<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="SignUpGreeting.master.cs"
Inherits="LAB_TASK_1.SignUpGreeting" %>
```

```
<!DOCTYPE html>
```

```
<html>
```

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

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

```
<asp:ContentPlaceHolder ID="head" runat="server">
```

```
</asp:ContentPlaceHolder>
```

```
</head>
```

```
<body>
```

```
<h1 style="text-align: center">Signup</h1>
```

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

```
<div>
```

```
<asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server"></asp:ContentPlaceHolder>
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

Signup Page: -

```
<%@ Page Title="" Language="C#" MasterPageFile="~/SignUpGreeting.Master" AutoEventWireup="true"
CodeBehind="SignUp.aspx.cs" Inherits="LAB_TASK_1.SignUp" %>
```

```
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
```

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

```
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
```

```
<table style="width: 100vw">
```

```
<tr>
```

```
<td style="width: 34vw"> </td>
```

```
<td>Email</td>
```

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

```
</tr>
```

```
<tr><td> </td> </tr>
```

```
<tr><td> </td> </tr>
```

```
<tr>
```

```
<td style="width: 34vw"> </td>
```

```
<td>Password</td>
```

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

```
</tr>
```

```
<tr><td> </td> </tr>
```

```
<tr><td> </td> </tr>
```

```
<tr>
```

```
<td> </td>
```

```

        <td><asp:Button ID="Button1" runat="server" Text="Submit" OnClick="Button1_Click"
Width="75px" OnClientClick="return true"/></td>
    </tr>
    <tr><td> </td> </tr>
    <tr><td> </td> </tr>
    <tr>
    <td><asp:Label ID="Result" runat="server"></asp:Label></td>
    </tr>
</table>
</asp:Content>

```

Signup Page Code: -

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

```

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

    }
}

```

```

    protected void Button1_Click(object sender, EventArgs e)
    {
        if(email.Text == "abc@gmail.com" && password.Text == "abcdef")
        {
            ScriptManager.RegisterStartupScript(this, this.GetType(), "script", "alert('Welcome mustufa')",
true);
        }
        else
        {
            ScriptManager.RegisterStartupScript(this, this.GetType(), "script", "alert('Could not login due to
incorrect email and passsword')", true);
        }
    }
}

```

Output: -


Signup

Email

Password

Submit


Below alert comes when user has input correct info

 localhost:44332

Welcome mustufa

OK

Below alert comes when the user has input incorrect info.

 localhost:44332

Could not login due to incorrect email and password

OK

Task# 02: - Create Calculator using webform and master page**Solution: -****Master page: -**

```
<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="CalculatorGreeting.master.cs"
Inherits="LAB_TASK_1.CalculatorGreeting" %>
```

```
<!DOCTYPE html>
```

```
<html>
```

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

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

```
<asp:ContentPlaceHolder ID="head" runat="server">
```

```
</asp:ContentPlaceHolder>
```

```
</head>
```

```
<body>
```

```
<h1 style="text-align: center">Calculator</h1>
```

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

```
<div>
```

```
<asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server">
```

```
</asp:ContentPlaceHolder>
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

Calculator Page: -

```
<%@ Page Title="" Language="C#" MasterPageFile="~/CalculatorGreeting.Master" AutoEventWireup="true"
CodeBehind="Calculator.aspx.cs" Inherits="LAB_TASK_1.Calculator" %>
```

```

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <table style="width: 100vw">
        <tr>
            <td style="width: 34vw"> </td>
            <td>Number 1</td>
            <td><asp:TextBox ID="num1" runat="server"></asp:TextBox></td>
        </tr>
        <tr><td> </td> </tr>
        <tr><td> </td> </tr>
        <tr>
            <td style="width: 34vw"> </td>
            <td>Number 2</td>
            <td><asp:TextBox ID="num2" runat="server"></asp:TextBox></td>
        </tr>
        <tr><td> </td> </tr>
        <tr><td> </td> </tr>
        <tr>
            <td> </td>
            <td><asp:Button ID="Button1" runat="server" Text="+" OnClick="Button1_Click"
OnClientClick="return true" width="5%"/>
            <td><asp:Button ID="Button2" runat="server" Text="-" OnClick="Button2_Click"
OnClientClick="return true" width="5%"/>
            <td><asp:Button ID="Button3" runat="server" Text="*" OnClick="Button3_Click"
OnClientClick="return true" width="5%"/>
            <td><asp:Button ID="Button4" runat="server" Text="/" OnClick="Button4_Click"
OnClientClick="return true" width="5%"/>
        </td>
        </tr>
        <tr><td> </td> </tr>
        <tr><td> </td> </tr>
        <tr>
            <td><asp:Label ID="Result" runat="server"></asp:Label></td>
            </tr>
    </table>
</asp:Content>

```

Calculator Page Code: -

```

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

    }

    protected void Button1_Click(object sender, EventArgs e)

```

```
{
    if(num1.Text == "" || num2.Text == "")
    {
        ScriptManager.RegisterStartupScript(this, this.GetType(), "script", "alert('Please input a number
in both the fields')", true);
    }
    else
    {
        ScriptManager.RegisterStartupScript(this, this.GetType(), "script", "alert('Addition Result =
" + (Convert.ToInt16(num1.Text) + Convert.ToInt16(num2.Text)) + ")", true);
    }
}

protected void Button2_Click(object sender, EventArgs e)
{
    if (num1.Text == "" || num2.Text == "")
    {
        ScriptManager.RegisterStartupScript(this, this.GetType(), "script", "alert('Please input a number
in both the fields')", true);
    }
    else
    {
        ScriptManager.RegisterStartupScript(this, this.GetType(), "script", "alert('Subtraction Result =
" + (Convert.ToInt16(num1.Text) - Convert.ToInt16(num2.Text)) + ")", true);
    }
}

protected void Button3_Click(object sender, EventArgs e)
{
    if (num1.Text == "" || num2.Text == "")
    {
        ScriptManager.RegisterStartupScript(this, this.GetType(), "script", "alert('Please input a number
in both the fields')", true);
    }
    else
    {
        ScriptManager.RegisterStartupScript(this, this.GetType(), "script", "alert('Multiplication Result =
" + (Convert.ToInt16(num1.Text) * Convert.ToInt16(num2.Text)) + ")", true);
    }
}

protected void Button4_Click(object sender, EventArgs e)
{
    if (num1.Text == "" || num2.Text == "")
    {
        ScriptManager.RegisterStartupScript(this, this.GetType(), "script", "alert('Please input a number
in both the fields')", true);
    }
}
```


```
else if(num2.Text == "0")
{
    ScriptManager.RegisterStartupScript(this, this.GetType(), "script", "alert('Please input a number
other than 0 in the second field')", true);
}
else
{
    ScriptManager.RegisterStartupScript(this, this.GetType(), "script", "alert('Division Result = " +
(Convert.ToInt16(num1.Text) / Convert.ToInt16(num2.Text)) + "')", true);
}
}
}
```

Output: -


Calculator

Number 1

Number 2

 localhost:44332

Addition Result = 220

 localhost:44332

Subtraction Result = 0

☐ Don't allow localhost:44332 to prompt you again

🌐 localhost:44332

Multiplication Result = 12100

☐ Don't allow localhost:44332 to prompt you again

OK

🌐 localhost:44332

Division Result = 1

☐ Don't allow localhost:44332 to prompt you again

OK