Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

\_\_\_7\_\_\_

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | Implement a signup and calculator using asp.net master page |

Submitted On:

\_\_\_\_23/12/2022\_\_\_\_

(Date: DD/MM/YY)

**Calculator:**

Master page:

<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="Site1.master.cs" Inherits="WebApplication7.Site1" %>

<!DOCTYPE html>

<html>

<head runat="server">

<title></title>

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

</asp:ContentPlaceHolder>

</head>

<body>

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

<div>

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

<ul>

<li><a href="#home">Home</a></li>

<li><a href="#news">News</a></li>

<li><a href="#contact">Contact</a></li>

<li><a href="#about">About</a></li>

</ul>

</asp:ContentPlaceHolder>

</div>

</form>

</body>

</html>

Webform html:

<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs" Inherits="WebApplication7.WebForm1" %>

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

<style type="text/css">

.auto-style1 {

width: 100%;

table-layout:auto;

text-align:center;

padding-top:330px;

}

.auto-style2 {

height: 23px;

}

.auto-style3 {

height: 30px;

}

.auto-style4 {

height: 26px;

}

.auto-style5 {

height: 28px;

}

body{

background-image: url('https://wallpapercave.com/wp/wp2497493.jpg') ;

background-repeat: no-repeat;

background-attachment: fixed;

background-size: cover;

background-size: 100% 100%;

}

</style>

</asp:Content>

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

<h2 style=" text-align: center; font-size:40px; font-palette:dark; font-family:'Times New Roman', Times, serif;" >

CALCULATOR

</h2>

<table class="auto-style1" >

<tr>

<td class="auto-style4">

<asp:TextBox ID="txtanswer" runat="server" Width="446px" BackColor="#3399FF" ForeColor="Black" Height="64px"></asp:TextBox>

</td>

<td class="auto-style4"></td>

</tr>

<tr>

<td class="auto-style2"></td>

<td class="auto-style2"></td>

</tr>

<tr>

<td>

<asp:Button ID="Button1" runat="server" Text="=" Width="151px" BackColor="#99CCFF" OnClick="Button1\_Click" Height="52px" />

<asp:Button ID="Button2" runat="server" Text="0" Width="151px" BackColor="#99CCFF" OnClick="Button2\_Click" Height="52px" />

<asp:Button ID="Button3" runat="server" Text="Clear" Width="151px" BackColor="#99CCFF" OnClick="Button3\_Click" Height="52px" />

</td>

<td>

<br />

</td>

</tr>

<tr>

<td class="auto-style3">

<asp:Button ID="Button4" runat="server" Text="1" Width="151px" BackColor="#99CCFF" OnClick="Button4\_Click" Height="52px" />

<asp:Button ID="Button5" runat="server" Text="2" Width="151px" BackColor="#99CCFF" OnClick="Button5\_Click" Height="52px" />

<asp:Button ID="Button6" runat="server" Text="3" Width="151px" BackColor="#99CCFF" OnClick="Button6\_Click" Height="52px" />

</td>

<td class="auto-style3">

<br />

</td>

</tr>

<tr>

<td class="auto-style5">

<asp:Button ID="Button7" runat="server" Text="4" Width="151px" BackColor="#99CCFF" OnClick="Button7\_Click" Height="52px" />

<asp:Button ID="Button8" runat="server" Text="5" Width="151px" BackColor="#99CCFF" OnClick="Button8\_Click" Height="52px" />

<asp:Button ID="Button9" runat="server" Text="6" Width="151px" BackColor="#99CCFF" OnClick="Button9\_Click" Height="52px" />

</td>

<td class="auto-style5">

<br />

</td>

</tr>

<tr>

<td class="auto-style3">

<asp:Button ID="Button10" runat="server" Text="7" Width="151px" BackColor="#99CCFF" OnClick="Button10\_Click" Height="52px" />

<asp:Button ID="Button11" runat="server" Text="8" Width="151px" BackColor="#99CCFF" OnClick="Button11\_Click" Height="52px" />

<asp:Button ID="Button12" runat="server" Text="9" Width="151px" BackColor="#99CCFF" OnClick="Button12\_Click" Height="52px" />

</td>

<td class="auto-style3">

<br />

<br />

</td>

</tr>

<tr>

<td class="auto-style3">

<asp:Button ID="Button13" runat="server" Text="+" Width="120px" BackColor="#99CCFF" OnClick="Button13\_Click" Height="52px" />

<asp:Button ID="Button14" runat="server" Text="-" Width="117px" BackColor="#99CCFF" OnClick="Button14\_Click" Height="52px" />

<asp:Button ID="Button15" runat="server" Text="\*" Width="113px" BackColor="#99CCFF" OnClick="Button15\_Click" Height="52px" />

<asp:Button ID="Button16" runat="server" Text="/" Width="103px" BackColor="#99CCFF" OnClick="Button16\_Click" Height="52px" />

</td>

<td>

<br />

</td>

</tr>

</table>

</asp:Content>

Webform cs:

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace WebApplication7

{

public class result

{

public int add(int value1, int value2)

{

return (value1 + value2);

}

public int subtract(int value1, int value2)

{

return (value1 - value2);

}

public int multiply(int value1, int value2)

{

return (value1 \* value2);

}

public int divide(int value1, int value2)

{

return (value1 / value2);

}

}

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

{

protected void Page\_Load(object sender, EventArgs e)

{

}

result r = new result();

protected void Button1\_Click(object sender, EventArgs e)

{

if (txtanswer.Text == string.Empty)

{

Response.Write("<script>alert('You did not specified inputs')</script>");

}

else

{

Session["Val1"] = txtanswer.Text;

txtanswer.Text = string.Empty;

if (Session["Sign"].ToString() == "add")

{

txtanswer.Text = r.add(Convert.ToInt32(Session["Val"]), Convert.ToInt32(Session["Val1"])).ToString();

}

else if (Session["Sign"].ToString() == "subtract")

{

txtanswer.Text = r.subtract(Convert.ToInt32(Session["Val"]), Convert.ToInt32(Session["Val1"])).ToString();

}

else if (Session["Sign"].ToString() == "multiply")

{

txtanswer.Text = r.multiply(Convert.ToInt32(Session["Val"]), Convert.ToInt32(Session["Val1"])).ToString();

}

else if (Session["Sign"].ToString() == "divide")

{

txtanswer.Text = r.divide(Convert.ToInt32(Session["Val"]), Convert.ToInt32(Session["Val1"])).ToString();

}

else

{

Response.Write("<script>alert('No operation was recorded')</script>");

}

}

}

protected void Button5\_Click(object sender, EventArgs e)

{

txtanswer.Text = txtanswer.Text + "2";

}

protected void Button6\_Click(object sender, EventArgs e)

{

txtanswer.Text = txtanswer.Text + "3";

}

protected void Button7\_Click(object sender, EventArgs e)

{

txtanswer.Text = txtanswer.Text + "4";

}

protected void Button8\_Click(object sender, EventArgs e)

{

txtanswer.Text = txtanswer.Text + "5";

}

protected void Button9\_Click(object sender, EventArgs e)

{

txtanswer.Text = txtanswer.Text + "6";

}

protected void Button10\_Click(object sender, EventArgs e)

{

txtanswer.Text = txtanswer.Text + "7";

}

protected void Button11\_Click(object sender, EventArgs e)

{

txtanswer.Text = txtanswer.Text + "8";

}

protected void Button12\_Click(object sender, EventArgs e)

{

txtanswer.Text = txtanswer.Text + "9";

}

protected void Button2\_Click(object sender, EventArgs e)

{

txtanswer.Text = txtanswer.Text + "0";

}

protected void Button13\_Click(object sender, EventArgs e)

{

if (txtanswer.Text == string.Empty)

{

Response.Write("<script>alert('No input values provided')</script>");

}

else

{

Session["Val"] = txtanswer.Text;

Session["Sign"] = "add";

txtanswer.Text = string.Empty;

}

}

protected void Button14\_Click(object sender, EventArgs e)

{

if (txtanswer.Text == string.Empty)

{

Response.Write("<script>alert('No inpt values provided')</script>");

}

else

{

Session["Val"] = txtanswer.Text;

Session["Sign"] = "subtract";

txtanswer.Text = string.Empty;

}

}

protected void Button15\_Click(object sender, EventArgs e)

{

if (txtanswer.Text == string.Empty)

{

Response.Write("<script>alert('No input values provided')</script>");

}

else

{

Session["Val"] = txtanswer.Text;

Session["Sign"] = "multiply";

txtanswer.Text = string.Empty;

}

}

protected void Button16\_Click(object sender, EventArgs e)

{

if (txtanswer.Text == string.Empty)

{

Response.Write("<script>alert('No input values provided')</script>");

}

else

{

Session["Val"] = txtanswer.Text;

Session["Sign"] = "divide";

txtanswer.Text = string.Empty;

}

}

protected void Button4\_Click(object sender, EventArgs e)

{

txtanswer.Text = txtanswer.Text + "1";

}

protected void Button3\_Click(object sender, EventArgs e)

{

txtanswer.Text = string.Empty;

}

}

}

Output:







