Bahria University,

Karachi Campus

A picture containing text, emblem, symbol, crown

Description automatically generated

LAB EXPERIMENT NO.

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

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | Consuming a web service of online add to cart system |
| 2 | Consuming a simple calculator web service to perform task |

Submitted On:

20-06-2023

(Date: DD/MM/YY)

**Lab 7**

**Task 1:**

Consuming a web service of online add to cart system

**Default.aspx.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace consumingwebservice

{

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

{

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

{

}

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

{

localhost.WebService1 obj = new localhost.WebService1();

string fruit = TextBox1.Text.ToString();

int quantity = int.Parse(TextBox2.Text.ToString());

string a = obj.AddToCart(fruit, quantity);

Label4.Text = fruit.ToString()+" Qt: "+quantity.ToString();

}

}

}

**Default.aspx**

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

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

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

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

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

<br />

<br />

<asp:Label ID="Label2" runat="server" Text="Quantity "></asp:Label>

&nbsp;&nbsp;

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

<br />

<br />

</div>

<asp:Button ID="Button1" runat="server" OnClick="Button1\_Click" Text="Add " />

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Button ID="Button2" runat="server" Text="Get" />

<asp:Label ID="Label1" runat="server" Text="Your mangoes Quantity is:"></asp:Label>

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

<br />

here."></asp:Label>

</form>

</body>

</html>

**Output:**

A screenshot of a computer screen

Description automatically generated with low confidence

**Task 2:**

Consuming a simple calculator web service to perform task

**Default.aspx.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace consumingwebservice

{

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

{

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

{

localhost.mywebservice input = new localhost.mywebservice();

int a = int.Parse(TextBox1.Text.ToString());

int b = int.Parse(TextBox2.Text.ToString());

int result=input.addition(a, b);

Label3.Text = " Addition: " + result.ToString();

}

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

{

localhost.mywebservice input = new localhost.mywebservice();

int a = int.Parse(TextBox1.Text.ToString());

int b = int.Parse(TextBox2.Text.ToString());

int result = input.subtraction(a, b);

Label3.Text = " Subtracttion: " + result.ToString();

}

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

{

localhost.mywebservice input = new localhost.mywebservice();

int a = int.Parse(TextBox1.Text.ToString());

int b = int.Parse(TextBox2.Text.ToString());

int result = input.multipication(a, b);

Label3.Text = " Multiplication: " + result.ToString();

}

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

{

localhost.mywebservice input = new localhost.mywebservice();

int a = int.Parse(TextBox1.Text.ToString());

int b = int.Parse(TextBox2.Text.ToString());

int result = input.division(a, b);

Label3.Text = " Division: " +result.ToString();

}

}

}

**Default.aspx**

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Default.aspx.cs" Inherits="consumingwebservice.Default" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

<asp:Label ID="Label1" runat="server" Text="Input1"></asp:Label>

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

<br />

<asp:Label ID="Label2" runat="server" Text="Input2"></asp:Label>

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

</div>

<asp:Button ID="Button1" runat="server" OnClick="Button1\_Click" Text="Addition" />

&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Button ID="Button2" runat="server" OnClick="Button2\_Click" Text="Subtraction" />

&nbsp;&nbsp;&nbsp;

<asp:Button ID="Button3" runat="server" OnClick="Button3\_Click" Text="Multiplication" />

&nbsp;&nbsp;&nbsp;&nbsp;

<asp:Button ID="Button4" runat="server" OnClick="Button4\_Click" Text="Division" />

<br />

<br />

<asp:Label ID="Label3" runat="server" Text="Your Value is:"></asp:Label>

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

</form>

</body>

</html>

**Output:**

