Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

**07**

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| **1** | **Consume all web services:** |
|  |  |

**Task 1: Create a web service of online add to cart system.**

**Solution:**

**Add to cart:**

**Frontend:**

<div>

<asp:Label runat="server" AssociatedControlID="txtItem" Text="Item:"></asp:Label>

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

<br />

<asp:Button runat="server" ID="btnGetItem" Text="Get Item" OnClick="btnGetItem\_Click" />

</div>

<div>

<asp:Label runat="server" ID="lblResult"></asp:Label>

</div>

**Button Code:**

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

{

string item = txtItem.Text;

YourWebService proxy = new YourWebService(); // Replace "YourWebService" with the actual name of your web service reference

string result = proxy.Cart(item, item);

lblResult.Text = result;

}

**Calculator:**

**Frontend:**

<div>

<label for="txtNum1">Number 1:</label>

<input type="text" id="txtNum1" />

<br />

<label for="txtNum2">Number 2:</label>

<input type="text" id="txtNum2" />

<br />

<button type="button" id="btnAdd">Addition</button>

<button type="button" id="btnSub">Subtraction</button>

<button type="button" id="btnMul">Multiplication</button>

<button type="button" id="btnDiv">Division</button>

</div>

<div>

<label id="lblResult"></label>

</div>

**Button:**

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

{

int num1 = int.Parse(txtNum1.Text);

int num2 = int.Parse(txtNum2.Text);

Calculator proxy = new Calculator(); // Replace "Calculator" with the actual name of your web service reference

string result = proxy.Addition(num1, num2);

lblResult.Text = result;

}

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

{

int num1 = int.Parse(txtNum1.Text);

int num2 = int.Parse(txtNum2.Text);

Calculator proxy = new Calculator(); // Replace "Calculator" with the actual name of your web service reference

string result = proxy.Subtraction(num1, num2);

lblResult.Text = result;

}

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

{

int num1 = int.Parse(txtNum1.Text);

int num2 = int.Parse(txtNum2.Text);

Calculator proxy = new Calculator(); // Replace "Calculator" with the actual name of your web service reference

string result = proxy.Multiplication(num1, num2);

lblResult.Text = result;

}

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

{

double num1 = double.Parse(txtNum1.Text);

double num2 = double.Parse(txtNum2.Text);

Calculator proxy = new Calculator(); // Replace "Calculator" with the actual name of your web service reference

string result = proxy.Division(num1, num2);

lblResult.Text = result;

}