**CALORIE COUNTER**

Calorie counter that calculates the total fat, carbohydrate and protein. Allow the user to enter text boxes. The grams of fat, grams of carbohydrate and grams of protein. Each gram of fat is 9 calories and protein, or carbohydrate is 4 calories. Display the total calories of the current food item on a label. Use other labels to display and accumulated some calories and the count of items entered. The form food has 3 text boxes for the user to enter the grams for each category include a label next to each text box indicating what the user enters.

Code:-

.aspx:-

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm2.aspx.cs" Inherits="Experiment6.WebForm2" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

</head>

<body>

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

<div>

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

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<asp:Label ID="Label12" runat="server" Text="Total Calories"></asp:Label>

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

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

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<asp:Label ID="Label6" runat="server" Text="Label"></asp:Label>

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<asp:Label ID="Label13" runat="server" Text="Label"></asp:Label>

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<asp:Label ID="Label3" runat="server" Text="carbohydrate"></asp:Label>

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

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<asp:Label ID="Label7" runat="server" Text="Label"></asp:Label>

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<asp:Label ID="Label14" runat="server" Text="Label"></asp:Label>

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<asp:Label ID="Label4" runat="server" Text="protein"></asp:Label>

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<asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>

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<asp:Label ID="Label8" runat="server" Text="Label"></asp:Label>

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<asp:Label ID="Label15" runat="server" Text="Label"></asp:Label>

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

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<asp:Label ID="Label16" runat="server" Text="No.of Items :"></asp:Label>

&nbsp;

<asp:Label ID="Label17" runat="server" Text="Label"></asp:Label>

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</div>

</form>

</body>

</html>

.aspx.cs:-

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace Experiment6

{

public partial class WebForm2 : System.Web.UI.Page

{

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

{

}

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

{

TextBox1.Text.ToString();

TextBox2.Text.ToString();

TextBox3.Text.ToString();

int i = Int32.Parse(TextBox1.Text);

int j = Int32.Parse(TextBox2.Text);

int k = Int32.Parse(TextBox3.Text);

int count;

i = 9 \* i;

j = 9 \* j;

k = 4 \* k;

if(ViewState["count"] == null)

{

ViewState["TextBox1.Text"] = i;

ViewState["TextBox2.Text"] = j;

ViewState["TextBox3.Text"] = k;

Label6.Text = i.ToString();

Label7.Text = k.ToString();

Label8.Text = j.ToString();

Label13.Text = i.ToString();

Label14.Text = k.ToString();

Label15.Text = j.ToString();

Label17.Text = 1.ToString();

ViewState["Count"] = 1;

}

else

{

Label6.Text = i.ToString();

Label7.Text = k.ToString();

Label8.Text = j.ToString();

int x, y, z;

x = (int)ViewState["TextBox1.Text"];

y = (int)ViewState["TextBox2.Text"];

z = (int)ViewState["TextBox3.Text"];

i = i + x;

j = j + y;

k = k + z;

Label13.Text = i.ToString();

Label14.Text = k.ToString();

Label15.Text = j.ToString();

ViewState["TextBox1.Text"] = i;

ViewState["TextBox2.Text"] = j;

ViewState["TextBox3.Text"] = k;

count = (int)ViewState["count"];

count = count + 1;

ViewState["count"] = count;

Label17.Text = count.ToString();

}

}

}

}

Output:-

Graphical user interface, application, Word

Description automatically generated

Graphical user interface, application, Word

Description automatically generated

Graphical user interface, application, Word

Description automatically generated