

ASP.NET FORMS





Purpose of work:

learn to write code in WEB-Forms

Exercise.

Develop an application using WEB form

工作目的:

學習在 WEB 表單中編寫程式碼。

鍛煉。

使用 ASP.NET WEB 表單開發應用程式

🛯 👢 www.Confucius.bsite.net	A copy of t
📙 Images	(subfolder
Projects	(Subioluei
▶ 1 2	computer
1 3	flash drive

A copy of the site structure (subfolders) on your computer (hard drive or flash drive)

N	3.sln (2	2) - Mic	rosoft Vis	ual Stud	oib						
FILE	EDIT	VIEW	WEBSITE	BUILD	DEBUG	TEAM	SQL	TOOLS	TEST	ANALYZE	1IW
	New					► Chr	ome 🔹	Debug	- 5	.	
	Open					• 🐴	Proj	ect/Solutior	า	Ctrl+Shift+C	
	Add					•	Web	Site		Shift+Alt+O	
						÷					

您的電腦(硬碟或 USB 快閃記憶體)上的 網站結構(子資料 夾)的副本 Open directory 開啟目錄

	≛ ⊜	Build Web Site Publish Web Site	Shift+F6					A f
	_	Scope to This						Т
		New Solution Explorer View						ਸ
Solution Explorer		Add		•	°	Add New Item	Ctrl+Shift+A	
େ ି 🏠 ତ		Add Reference			*0	Existing Item	Shift+Alt+A	T A7
Search Solution Ex		Add Service Reference			<u>*</u> **	New Folder		vv
Solution '3.sln	*\$	View Class Diagram				Add ASP.NET Folder	►	
	Ħ	Manage NuGet Packages				Web Form		
	₽	Copy Web Site				Web User Control		а
		Start Options				JavaScript File		n
	Ф	Set as StartUp Project				Style Sheet		Р
		Use IIS Express				HTML Page		
	ള	View in Browser (Google Chrome)			1-			
	₫ N	View in Page Inspector	Ctrl+K. Ctrl+G					ЦŚ

Add WEB form to folder 3 E:\ www.confucius.by\ Projects\3 as shown in the picture

將WEB表單加入資料夾3

 $E: \setminus$

www.confucius.by\

Projects \3

如圖所示



When adding a new form, select the programming language Visual C#-sharp and place the code in a separate file

新增表單時,選擇程式 語言 Visual C#-sharp 並將程式碼放在單獨的 檔案中



As a result, the Default.aspx file will be added, which opens by default 'Default.aspx 文件將會被加入



Added 2 new text box fields, One Key, and 1 tag in WEB form In design mode. 新增2 個文字方塊字段, 一鍵, 和1個標籤 以WEB形式 在設計模式下。



Rename the names of elements (TextBox'es, Label and Button) according to Hungarian notation (If you don't have time, you can skip this operation) 根據匈牙利表示法重 新命名元素名稱(文 字方塊、標籤和按鈕 0

(如果沒有時間,可 以跳過此操作) <html xmlns="http://www.w3.org/1999/xhtml"> <head runat="server"> <title>1st ASP.NET Page</title> </head> <body> <h1>1st ASP.NET Page</h1> <form id="form1" runat="server"> <asp:TextBox ID="tbxA" runat="server" />+ <asp:TextBox ID="tbxB" runat="server" /> <asp:Button ID="btnPlus" Text="=""</pre>

"OnClick="Sum" runat="server" />

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

</form>

</body>

</html>

The resulting file **Default.aspx** should look like this

產生的文件

Default.aspx

應該看起來像這樣

Default.aspx + ×
Ist ASP.NET Page
+ Label

```
<script language="C#" runat=server>
protected void Sum(Object sender, EventArgs e )
{
    int x = Convert.ToInt32(tbxA.Text);
    int y = Convert.ToInt32(tbxB.Text);
    lblLabel.Text = (x + y).ToString();
  }
  </script>
```

Add the Sum() method to the file Default.aspx.cs containing the code

將 Sum() 方法加入到包含程式碼的檔案 Default.aspx.cs

Run site (page Default.aspx) and test result 運行網站(頁面Default.aspx)並測試結果



In the Default.aspx.cs page we add error handling using the structure try { } catch

在 Default.aspx.cs 頁面中,我們使用結構添加錯誤處理 try { } catch

```
protected void
                                   1st ASP.NET Page
Sum(Object sender, EventArgs e) {
                                   hi
                                                         Error
                                          + asp
                                                      =
   try
   {
      int x = Convert.ToInt32(tbxA.Text);
      int y = Convert.ToInt32(tbxB.Text);
      lblLabel.Text = (x + y).ToString();
    catch (FormatException)
       lblLabel.Text = "<font color=red>Error</font>"; }
```

```
Laboratory work No. 1 Introduction to ASP.NET.
```

Purpose of work: learn to write code in WEB-Forms. Exercise. Develop an application using WEB form

1. Create a website

```
File=>New=>Web Site
```

```
2. Add form
```

```
<%@ Page Language="C#" AutoEventWireup="true"
```

```
CodeFile="Default.aspx.cs" Inherits="_Default" %>
```

```
<!DOCTYPE html>
```

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

<head runat="server">

<title></title>

```
</head>
```

```
<body>
```

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

<div> log 16

Calculate

Cancel

</form> </body>

```
</body>
```

```
</html>
```

rm <asp:Label ID="Label1" runat="server" Text="X="></asp:Label> <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>

= 4

2. Add 2 TextBoxes and 2 Labels

<asp:Label ID="Label2" runat="server" Text="Y="></asp:Label> <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>

```
3. Add 2 buttons

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

<asp:Button ID="Button1" runat="server"

OnClick="Button1 Click" Text="Calculate" />
```

4. Hang the code for calculating the binary logarithm on the button protected void Button1_Click(object sender, EventArgs e)

```
double x = double.Parse(TextBox1.Text);
double a= double.Parse(TextBox3.Text);
double y;
y = Math.Log(x,2);
TextBox2.Text = y.ToString();
```