Code Repository Exercises

Web Form Fundamentals

Purpose: The purpose of this exercise is to familiarize you with the basic structure of an ASP.NET Web Form, HTML Server Controls, and the event model. You will also implement three ways of redirecting the browser to another page.

Directory Name: WebForm

Required Pages/Components:

1. *CurrencyConverter.html:* Download the attached files into the *WebForm* directory of your code repository application. One of these files is the *CurrencyConverter.html* file as shown on page 126 of the MacDonald textbook.
2. *CurrencyConverter.aspx*: Create a new ASP.NET Web Form named *CurrencyConverter.aspx*. Copy the content of *CurrencyConverter.html* into this new Web form. Make this form functional by following the steps outlined on pages 125-142 of the textbook. The final result should be fully functional and should look like the page shown in Figure 5-6 on page 142.
3. *SecondPage.aspx*: Create a new ASP.NET Web Form named *SecondPage.aspx*. Place some text on the page to give it some content (e.g. "This is the second page" or something like that). Now create the following elements on ***CurrencyConverter.aspx***:
    a. A hyperlink that sends the user to SecondPage.aspx. Text for the link should be 'Link to SecondPage.aspx'
    b. An HTML Input Submit button (HTML server control) that redirects the user to SecondPage.aspx using Response.Redirect. Text on the button should be 'Response.Redirect to SecondPage.aspx'
    c. An HTML Input Submit button (HTML server control) that redirects the user to SecondPage.aspx using Server.Transfer. Text on the button should be 'Server.Transfer to SecondPage.aspx'

    (Notice the difference in the browser URL when you use Response.Redirect vs. Server.Transfer)

Header on Default.aspx: Web Form Fundamentals

Pages linked from Default.aspx: CurrencyConverter.aspx