w3schools.com (http://www.w3schools.com)

THE WORLD'S LARGEST WEB DEVELOPER SITE

HTML (/html/default.asp)   CSS (/css/default.asp)   JAVASCRIPT (/js/default.asp)

(/default.asp)

ASP.NET Tutorial

SQL (/sql/default.asp)   PHP (/php/default.asp)   jQUERY (/jquery/default.asp)

BOOTSTRAP (/bootstrap/default.asp)   ANGULAR (/angular/default.asp)

ASP.NET HOME (default.asp)

ASP.NET Intro (aspnet.asp)

XML (/xml/default.asp)   TUTORIALS ▾   REFERENCES ▾   EXAMPLES ▾

FORUM (/forum/default.asp)

WP Tutorial

WebPages Intro (webpages_intro.asp)

WebPages Razor (webpages_razor.asp)

WebPages Layout (webpages_layout.asp)

WebPages Folders (webpages_folders.asp)

WebPages Global (webpages_global.asp)

WebPages Forms (webpages_forms.asp)

WebPages Objects (webpages_objects.asp)

WebPages Files (webpages_files.asp)

WebPages Databases (webpages_database.asp)

WebPages Helpers (webpages_helpers.asp)

WebPages WebGrid (webpages_webgrid.asp)

WebPages Charts (webpages_chart.asp)

WebPages Email (webpages_email.asp)

WebPages PHP (webpages_php.asp)

WebPages Publish (webpages_publish.asp)

WebPages Examples (webpages_examples.asp)

WP References

WebPages Classes (webpages_ref_classes.asp)

WebPages Security (webpages_ref_websecurity.asp)

WebPages Database (webpages_ref_database.asp)

WebPages WebMail (webpages_ref_webmail.asp)

WebPages Helpers (webpages_ref_helpers.asp)

ASP.NET Razor

Razor Intro (razor_intro.asp)

Razor Syntax (razor_syntax.asp)

Razor C# Variables (razor_cs_variables.asp)

Razor C# Loops (razor_cs_loops.asp)

Razor C# Logic (razor_cs_logic.asp)

Razor VB Variables (razor_vb_variables.asp)

Razor VB Loops (razor_vb_loops.asp)

Razor VB Logic (razor_vb_logic.asp)

ASP.NET MVC

MVC Intro (mvc_intro.asp)

MVC Application (mvc_app.asp)

MVC Folders (mvc_folders.asp)

MVC Layout (mvc_layout.asp)

MVC Controllers (mvc_controllers.asp)

MVC Views (mvc_views.asp)

MVC Database (mvc_database.asp)

MVC Models (mvc_models.asp)

MVC Security (mvc_security.asp)

MVC HTML Helpers (mvc_htmlhelpers.asp)

MVC Publish (mvc_publish.asp)

MVC Reference (mvc_reference.asp)

WF Tutorials

WebForms Intro (aspnet_intro.asp)

WebForms Pages (aspnet_pages.asp)

WebForms Controls (aspnet_controls.asp)

WebForms Events (aspnet_events.asp)

WebForms Forms (aspnet_forms.asp)

WebForms ViewState (aspnet_viewstate.asp)

WebForms TextBox (aspnet_textbox.asp)

WebForms Button (aspnet_button.asp)

WebForms Data Binding (aspnet_databinding.asp)

WebForms ArrayList (aspnet_arraylist.asp)

WebForms Hashtable (aspnet_hashtable.asp)

WebForms SortedList (aspnet_sortedlist.asp)

WebForms XML Files (aspnet_xml.asp)

WebForms Repeater (aspnet_repeater.asp)

WebForms DataList (aspnet_datalist.asp)

WebForms DbConnection (aspnet_dbconnection.asp)

WebForms Master Pages (aspnet_masterpages.asp)

WebForms Navigation (aspnet_navigation.asp)

WebForms Examples (aspnet_examples.asp)

ASP.NET MVC - Controllers

« Previous (mvc_layout.as   Next Chapter » (mvc_views.as

To learn ASP.NET MVC, we are Building an Internet Application.

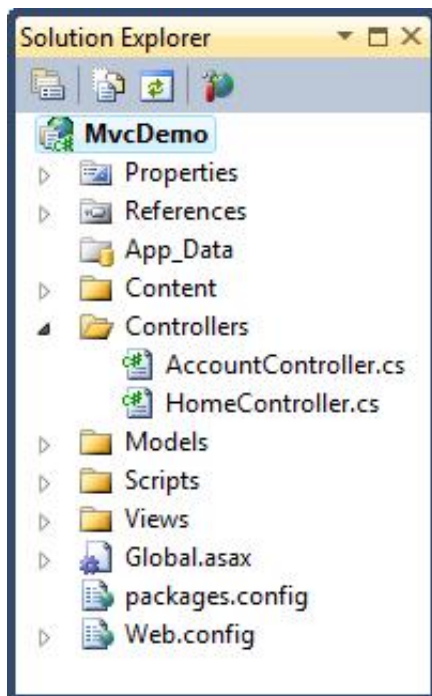Part IV: Adding a Controller.

The Controllers Folder

The **Controllers Folder** contains the controller classes responsible for handling user input and responses.

MVC requires the name of all controllers to end with "Controller".

In our example, Visual Web Developer has created the following files: **HomeController.cs** (for the Home and About pages) and **AccountController.cs** (For the Log On pages):

Web servers will normally map incoming URL requests directly to disk files on the server. For example: a URL request like "http://www.w3schools.com/default.asp" will map directly to the file "default.asp" at the root directory of the server.

The MVC framework maps differently. MVC maps URLs to methods. These methods are in classes called "Controllers".

Controllers are responsible for processing incoming requests, handling input, saving data, and sending a response to send back to the client.

The Home controller

The controller file in our application **HomeController.cs**, defines the two controls **Index** and **About**.

Swap the content of the HomeController.cs file with this:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;


namespace MvcDemo.Controllers
{
public class HomeController : Controller
{
public ActionResult Index()
```

```
{return View();}

public ActionResult About()
{return View();}
}
}
```

The Controller Views

The files **Index.cshtml** and **About.cshtml** in the Views folder defines the ActionResult
views Index() and About() in the controller.

« Previous (mvc_layout.as   　　　Next Chapter » (mvc_views.asp

W3SCHOOLS EXAMS

HTML, CSS, JavaScript, PHP, jQuery, and XML Certifications (http://www.w3schools.com/cert/default.asp)

COLOR PICKER

(/tags/ref_colorpicker.asp)

SHARE THIS PAGE

(http://www.facebook.com/sharer.php?u=http://www.w3schools.com/aspnet/mvc_controllers.asp)

(http://twitter.com/home?status=Currently reading
http://www.w3schools.com/aspnet/mvc_controllers.asp)

(https://plus.google.com/share?url=http://www.w3schools.com/aspnet/mvc_controllers.asp)

ABOUT (/about/default.asp)

Top 10 Tutorials

HTML Tutorial (/html/default.asp)
CSS Tutorial (/css/default.asp)
JavaScript Tutorial (/js/default.asp)
SQL Tutorial (/sql/default.asp)
PHP Tutorial (/php/default.asp)
jQuery Tutorial (/jquery/default.asp)
Bootstrap Tutorial (/bootstrap/default.asp)
Angular Tutorial (/angular/default.asp)
ASP.NET Tutorial (/aspnet/default.asp)
XML Tutorial (/xml/default.asp)

Top 10 References

HTML Reference (/tags/default.asp)
CSS Reference (/cssref/default.asp)
JavaScript Reference (/jsref/default.asp)
Browser Statistics (/browsers/default.asp)
HTML DOM (/jsref/dom_obj_document.asp)
PHP Reference (/php/php_ref_array.asp)
jQuery Reference (/jquery/jquery_ref_selectors.asp)
HTML Colors (/tags/ref_colornames.asp)
HTML Character Sets (/charsets/default.asp)
XML DOM (/dom/dom_nodetype.asp)

Top 10 Examples

HTML Examples (/html/html_examples.asp)
CSS Examples (/css/css_examples.asp)
JavaScript Examples (/js/js_examples.asp)
HTML DOM Examples (/js/js_dom_examples.asp)
PHP Examples (/php/php_examples.asp)
jQuery Examples (/jquery/jquery_examples.asp)
XML Examples (/xml/xml_examples.asp)
XML DOM Examples (/dom/dom_examples.asp)
ASP Examples (/asp/asp_examples.asp)
SVG Examples (/svg/svg_examples.asp)

Web Certificates

HTML Certificate (/cert/default.asp)
HTML5 Certificate (/cert/default.asp)
CSS Certificate (/cert/default.asp)
JavaScript Certificate (/cert/default.asp)
jQuery Certificate (/cert/default.asp)
PHP Certificate (/cert/default.asp)
Bootstrap Certificate (/cert/default.asp)
XML Certificate (/cert/default.asp)

w3schools.com (http://www.w3schools.com)