

## ASP.NET Tutorial

[ASP.NET HOME \(default.asp\)](#)

[ASP.NET Intro \(aspnet.asp\)](#)

## 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)

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

## WebForms Tutorials

JAVASCRIPT (/js/default.asp)      SQL (/sql/default.asp)

WebForms Intro (aspnet\_intro.asp)

PHP (/php/default.asp)      JQUERY (/jquery/default.asp)

WebForms Pages (aspnet\_pages.asp)

WebForms Controls (aspnet\_controls.asp)

BOOTSTRAP (/bootstrap/default.asp)

ANGULAR (/angular/default.asp)

WebForms Events (aspnet\_events.asp)

XML (/xml/default.asp)      TUTORIALS ▼      REFERENCES ▼

WebForms Forms (aspnet\_forms.asp)

WebForms ViewState (aspnet\_viewstate.asp)

EXAMPLES ▼      FORUM (/forum/default.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 - Internet Application

[« Previous \(mvc\\_intro.asp\)](#)      [Next Chapter » \(mvc\\_folders.asp\)](#)

---

To learn ASP.NET MVC, we will Build an Internet Application

Part I: Creating the Application

---

## What We Will Build

We will build an Internet application that supports adding, editing, deleting, and listing of information stored in a database.

---

## What We Will Do

Visual Web Developer offers different templates for building web applications.

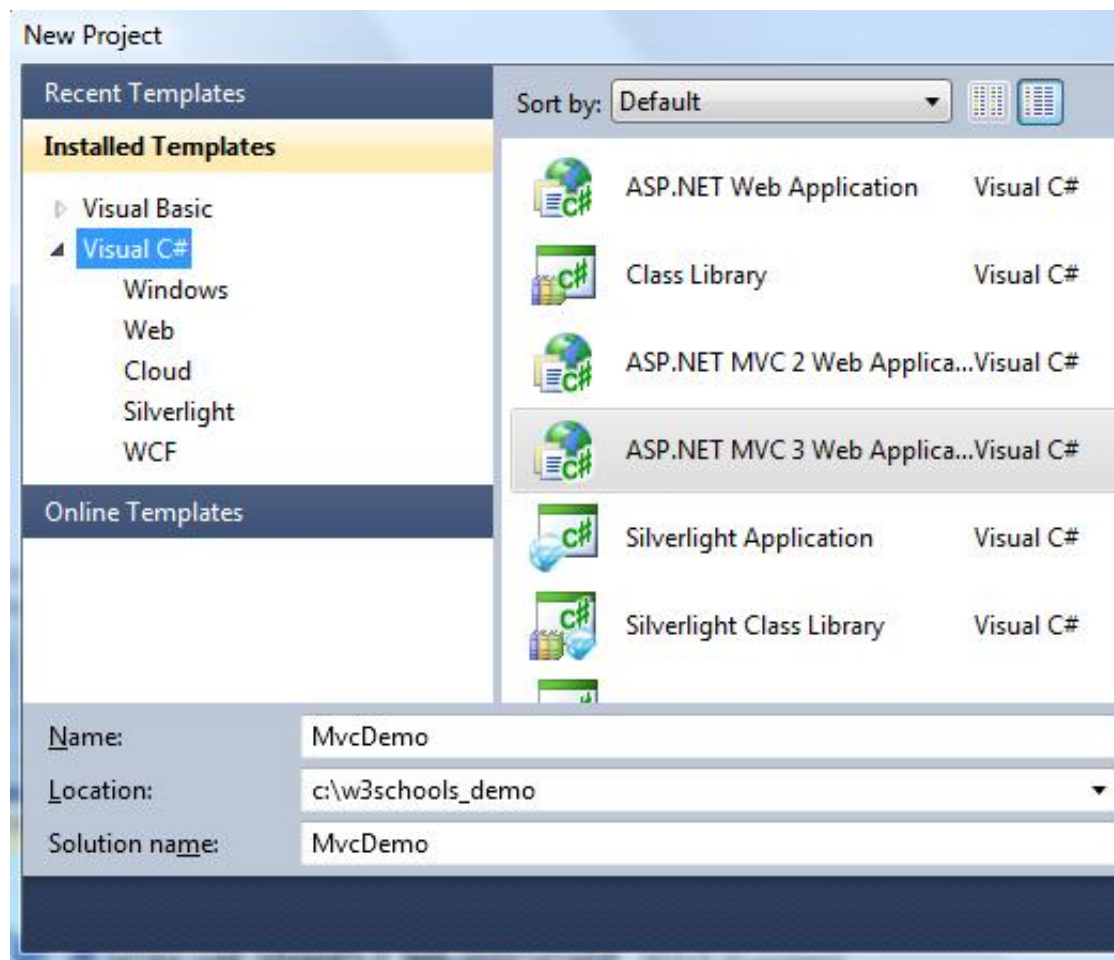
We will use **Visual Web Developer** to create an empty MVC Internet application with **HTML5 markup**.

When the empty Internet application is created, we will gradually add code to the application until it is fully finished. We will use **C#** as the programming language, and the newest **Razor** server code markup.

Along the way we will explain the content, the code, and all the components of the application.

## Creating the Web Application

If you have Visual Web Developer installed, start Visual Web Developer and select **New Project**. Otherwise just read and learn.



In the New Project dialog box:

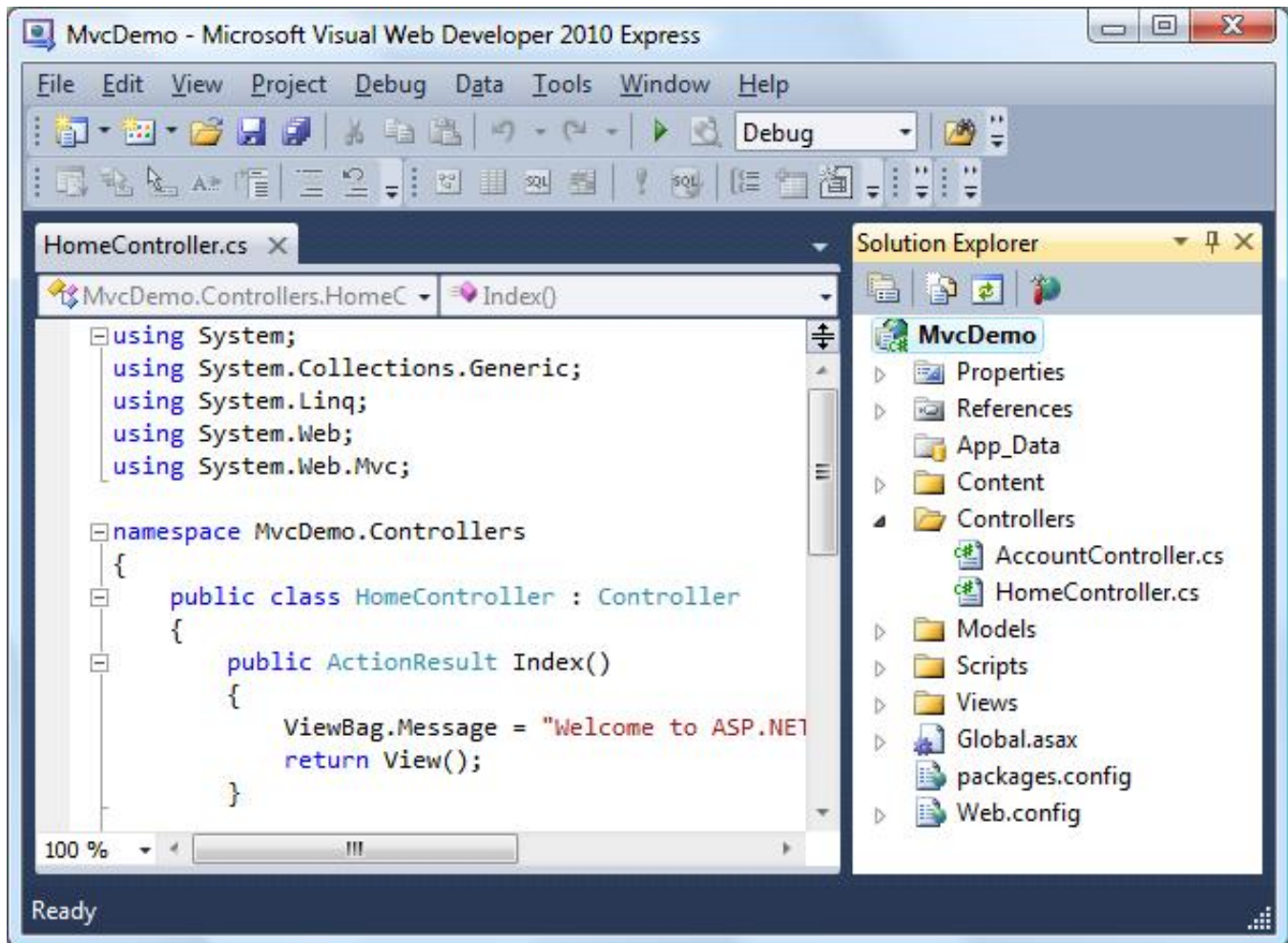
- Open the **Visual C#** templates
- Select the template **ASP.NET MVC 3 Web Application**
- Set the project name to **MvcDemo**
- Set the disk location to something like **c:\w3schools\_demo**
- Click **OK**

When the New Project Dialog Box opens:

- Select the **Internet Application** template

- Select the **Razor Engine**
- Select **HTML5 Markup**
- Click **OK**

Visual Studio Express will create a project much like this:



We will explore the content of the files and folders in the next chapter of this tutorial.

« Previous (mvc\_intro.asp

Next Chapter » (mvc\_folders.a

## 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\\_app.asp](http://www.facebook.com/sharer.php?u=http://www.w3schools.com/aspnet/mvc_app.asp))



([http://twitter.com/home?status=Currently reading http://www.w3schools.com/aspnet/mvc\\_app.asp](http://twitter.com/home?status=Currently reading http://www.w3schools.com/aspnet/mvc_app.asp))



([https://plus.google.com/share?url=http://www.w3schools.com/aspnet/mvc\\_app.asp](https://plus.google.com/share?url=http://www.w3schools.com/aspnet/mvc_app.asp))



---

[REPORT ERROR \(\)](#)

[PRINT PAGE \(\)](#)

[FORUM \(/forum/default.asp\)](#)

[ABOUT \(/about/default.asp\)](#)

---

## Top 10 Tutorials

[HTML Tutorial \(/html/default.asp\)](/html/default.asp)

[CSS Tutorial \(/css/default.asp\)](/css/default.asp)

[JavaScript Tutorial \(/js/default.asp\)](/js/default.asp)

[SQL Tutorial \(/sql/default.asp\)](/sql/default.asp)

[PHP Tutorial \(/php/default.asp\)](/php/default.asp)

[jQuery Tutorial \(/jquery/default.asp\)](/jquery/default.asp)

[Bootstrap Tutorial \(/bootstrap/default.asp\)](/bootstrap/default.asp)

[Angular Tutorial \(/angular/default.asp\)](/angular/default.asp)

[ASP.NET Tutorial \(/aspnet/default.asp\)](/aspnet/default.asp)

[XML Tutorial \(/xml/default.asp\)](/xml/default.asp)

## Top 10 References

[HTML Reference \(/tags/default.asp\)](/tags/default.asp)

[CSS Reference \(/cssref/default.asp\)](/cssref/default.asp)

[JavaScript Reference \(/jsref/default.asp\)](/jsref/default.asp)

[Browser Statistics \(/browsers/default.asp\)](/browsers/default.asp)

[HTML DOM \(/jsref/dom\\_obj\\_document.asp\)](/jsref/dom_obj_document.asp)

[PHP Reference \(/php/php\\_ref\\_array.asp\)](/php/php_ref_array.asp)

[jQuery Reference \(/jquery/jquery\\_ref\\_selectors.asp\)](/jquery/jquery_ref_selectors.asp)

[HTML Colors \(/tags/ref\\_colornames.asp\)](/tags/ref_colornames.asp)

[HTML Character Sets \(/charsets/default.asp\)](/charsets/default.asp)

[XML DOM \(/dom/dom\\_nodetype.asp\)](/dom/dom_nodetype.asp)

## Top 10 Examples

[HTML Examples \(/html/html\\_examples.asp\)](/html/html_examples.asp)

[CSS Examples \(/css/css\\_examples.asp\)](/css/css_examples.asp)

[JavaScript Examples \(/js/js\\_examples.asp\)](/js/js_examples.asp)

[HTML DOM Examples \(/js/js\\_dom\\_examples.asp\)](/js/js_dom_examples.asp)

[PHP Examples \(/php/php\\_examples.asp\)](/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 is optimized for learning, testing, and training. Examples might be simplified to improve reading and basic understanding. Tutorials, references, and examples are constantly reviewed to avoid errors, but we cannot warrant full correctness of all content. While using this site, you agree to have read and accepted our terms of use ([/about/about\\_copyright.asp](#)), cookie and privacy policy ([/about/about\\_privacy.asp](#)). Copyright 1999-2015 ([/about/about\\_copyright.asp](#)) by Refsnes Data. All Rights Reserved.

