

**STUDENT ACTIVITY 5.1**

MTA Course: Web Development Fundamentals  
Lesson name: Web Development Fundamentals 5.1  
Topic: Configuring authentication and authorization.  
File name: WebDevFund\_SA\_5.1

**Lesson Objective:**

**5.1:** Configure authentication and authorization.

**Resources, software, and additional files needed for this lesson:**

- A Windows<sup>®</sup>-based PC with installed Web development software.  
Examples include Microsoft<sup>®</sup> Visual Studio 2008<sup>®</sup>, or
  - Microsoft Visual Basic 2008<sup>®</sup>, Express Edition  
(<http://www.microsoft.com/express/downloads/#2008-Visual-Basic>)
  - Microsoft Visual C# 2008<sup>®</sup>, Express Edition  
(<http://www.microsoft.com/express/downloads/#2008-Visual-CS>)
  - Microsoft Visual Web Developer 2008, Express Edition  
(<http://www.microsoft.com/express/downloads/#2008-Visual-Web-Developer>)
- Use these sites for additional information:
  - **Authorization and Authentication:**  
<http://www.asp.net/learn/security-videos/video-376.aspx>  
<http://www.asp.net/learn/videos/video-7420.aspx>  
<http://msdn.microsoft.com/en-us/library/aa480476.aspx>  
<http://www.asp.net/learn/videos/video-06.aspx>
  - Microsoft ASP.NET:  
<http://www.asp.net>

**Directions to the student:**

The following section contains tutorials that demonstrate the use of Windows authorization (Part 1), and Forms authentication (Part 2). You may choose one or both, depending on the areas in which you want more practice. Work on the activities as class time allows, and complete outside of class as needed.

**Part 1—Windows Authorization**

1. Open Visual Studio<sup>®</sup> and create a new ASP.NET website project.
2. Complete the following activity in either Visual Basic<sup>®</sup> or C#: **Windows Authorization (Visual Basic version)**  
*<http://www.asp.net/learn/mvc/tutorial-18-vb.aspx>*  
**Windows Authorization (C# version)**  
*<http://www.asp.net/learn/mvc/tutorial-18-cs.aspx>*

**Part 2—Forms Authorization**

1. Open Visual Studio and create a new ASP.NET website project.
2. Complete the following activity in either Visual Basic or C#: **Forms Authorization (Visual Basic version)**  
*<http://www.asp.net/learn/security/tutorial-02-vb.aspx>*  
**Forms Authorization (C# version)**  
*<http://www.asp.net/learn/security/tutorial-02-cs.aspx>*

Once you have completed your work, print the code from the Web.config file as the result of your work and submit to the teacher for review.

**Note: Be prepared to present your solution to the class.**