

## STUDENT ACTIVITY 2.6 KEY

MTA Course: Web Development Fundamentals  
Lesson name: Web Development Fundamentals 2.6  
Topic: Manage data connections and databases.  
File name: WebDevFund\_SA\_2.6\_key

**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:  
**Binding data to controls:**  
<http://www.asp.net/learn/videos/video-08.aspx>  
<http://www.asp.net/learn/videos/video-49.aspx>  
<http://www.asp.net/learn/videos/video-267.aspx>

**Directions to the student:**

Review the information on the following link. Summarize your learning by answering the following questions.

**“Walkthrough: Data Binding to a Custom Business Object”**

<http://msdn.microsoft.com/en-us/library/1se6685s.aspx>

**Questions:**

1. What data is used by the component in the example presented?  
**The component uses an Extensible Markup Language (XML) file for its data.**
2. What is important to remember with respect to the *filePath* variable?  
**Make sure the value of the *filePath* variable references the name of the XML file previously created.**

3. What is important to remember when naming the *SelectMethod* property?  
**The name of the method specified for the *SelectMethod* property is case-sensitive, even if you are programming in Microsoft Visual Basic® .NET.**
4. Describe how you would create an App\_Code folder.  
**In Solution Explorer, right-click the name of the Web site, click Add ASP.NET Folder, and then click App\_Code. The folder must be named App\_Code.**

As time permits or as homework, review the information and examples from the following link.

**“Binding to Data Using a Data Source Control”**

<http://msdn.microsoft.com/en-us/library/ms228089.aspx>

**Note: Be prepared to discuss what you learned with the class.**