

STUDENT ACTIVITY 3.1_2

MTA Course: Web Development Fundamentals
Lesson name: Web Development Fundamentals 3.1
Topic: Debug a Web application
File name: WebDevFund_SA_3.1_2

Lesson Objective:

3.1: Debug a Web application.

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

- A Windows®-based PC with installed Web development software.
Examples include Microsoft® Visual Studio 2008®, or
 - Microsoft Visual Basic 2008®, Express Edition
(<http://www.microsoft.com/express/downloads/#2008-Visual-Basic>)
 - Microsoft Visual C# 2008®, 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:
Debugging and Tracing
<http://www.asp.net/learn/videos/video-10.aspx>
<http://msdn.microsoft.com/en-us/library/wwh16c6c.aspx>

Directions to the student:

In this activity, you will review how to use tracing in a website. Start by opening either Visual Studio® or Microsoft Visual Web Developer. Explore the following websites and answer the questions about each.

Part 1—Enable Tracing for an ASP.NET Page

<http://msdn.microsoft.com/en-us/library/94c55d08.aspx>

Questions:

1. What file was updated with the “@ Page” directive? Where is the new code located in the file?
2. What specific code is used?

Part 2—Enable Tracing for an ASP.NET Application

<http://msdn.microsoft.com/en-us/library/0x5wc973.aspx>

Questions:

1. What file was used in this example to enable application tracing?
2. What is the specific code used to enable tracing in an application?
3. What must be done to make the trace information appear at the end of the page that is associated with it?

Part 3—How to: View ASP.NET Trace Information with the Trace Viewer

<http://msdn.microsoft.com/en-us/library/wwh16c6c.aspx>

Questions:

1. Describe how you would view trace details for a specific website request.
2. How would you clear requests from the trace viewer?