

STUDENT ACTIVITY 1.5

MTA Course: Web Development Fundamentals

Topic 1.5: Understand controls

File name: WebDevFund_SA_1.5

Lesson Objective:

1.5: Understand controls. *This objective may include but is not limited to:* various types of controls, including user, server, Web, and validation controls; know which is the appropriate type of control for a scenario.

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

- A Windows[®]-based PC with installed Web development software (examples include Microsoft Visual Studio Web Developer Express and Microsoft Visual Studio 2008[®]).
- Use these sites for additional information:
 - Adding a ListView Control :
<http://www.asp.net/learn/3.5-videos/video-225.aspx>
<http://www.asp.net/learn/3.5-videos/video-221.aspx>

Directions to the student:

Part 1

1. Open Visual Studio and create a new ASP.NET website project.
2. Create any new user control (using the Add New Item dialog box to select a new 'Web User Control').
3. Describe the steps needed to accomplish this in the space below. Cite specific code used to accomplish this task.

Part 2

1. Convert an existing ASP.NET page that you have created previously to a user control by changing the file extension of the page to .ascx and modifying the markup in the source of the control. Describe the steps needed to accomplish this in the space below. Be specific.
2. Using that same ASP.NET project, design and implement a validation control. Specify in the space below the syntax required to do this. For a refresher on building validation controls visit the following link:
<http://msdn.microsoft.com/en-us/library/aa720677%28VS.71%29.aspx>.
3. Using an existing ASP.NET Web page, provide an example (by file name, including extension) of the location where (file type) one might expect to find each of the following types of controls:

Control	File Name	File Type
User control		
Server control		
Validation control		

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