

STUDENT ACTIVITY 1.4

MTA Course: Web Development Fundamentals
 Topic 1.4: Understand events and control page flow
 File name: WebDevFund_SA_1.4

Lesson Objective:

1.4: Understand events and control page flow. *This objective may include but is not limited to:* application and page life cycle events; page events; control events; application events; session events; cross-page posting; Response.Redirect; Server.Transfer; IsPostBack; setting AutoEventWireup.

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

- A Windows[®]-based PC with installed Web development software (examples include Microsoft Visual Web Developer Express and Microsoft Visual Studio 2008[®]).
- Use these sites for additional information:
 - Page Lifecycle Events:
<http://msdn.microsoft.com/en-us/library/ms178472.aspx>
<http://www.asp.net/learn/videos/video-6558.aspx>
 - Application Events:
<http://www.asp.net/learn/videos/video-251.aspx>
<http://msdn.microsoft.com/en-us/beginner/bb308809.aspx>

Directions to the student:**Part 1**

1. Arrange the following events in the order that they occur. Indicate the order by placing a number in the space provided.

Order	Page Event
	Page_Load Complete
	Page_PreLoad
	Page_SaveStateComplete

	Page_Load
	Page_Init
	Page_PreRender
	Page_PreInit
	Page_InitComplete
	Control events
	Page_Render
	Page_Unload

Part 2

1. Open an existing ASP.NET Web application that you have created.
2. Add a global application class to the Web application.
3. Identify at least three events that appear in that class.
4. Make at least one modification to each of these events.
5. Describe the changes made and the code used for each modification.

	Application Event	Purpose	Modification Made
1			
2			
3			

6. Add code to your Web application that will demonstrate any three of the following features:
 - a. Cross-page posting
 - b. Response.Redirect
 - c. Server.Transfer
 - d. IsPostBack
 - e. AutoEventWireup
7. Print out your code and give it to your teacher.

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