Instructions for Entities_and_XInclude Coding Assignment

Assignment
The goal of this assignment is for you to reproduce the coding work that I did in the Using Entities and Using XInclude demos. You will begin with two files that I have posted to the Weekly Schedule:

>   monolithic_book.xml
>   book.dtd

Begin by following the actions that I took in the first demo video. Starting with the two files above, create a set of files that represent a modular XML document set using external parsed general entities. Before finishing, remember to also use an internal general entity to create replacement text for the <publisher> element.

You may test your work by using the XSLT transformation file that I have posted to the Weekly Schedule:

>   test_transform_1.xsl

Doing transformations is a skill taught more fully later in the course. So, you are not required to use this transformation to test your work. Nevertheless, this is a good chance to make your first try at XSLT transformations using the Oxygen XML editor. A side benefit is that you get to test your work more fully than would otherwise be possible.

When you have completed the Entities version of the modular document set, then follow the actions in the second demo video to create a modular XML document set based on XInclude. Be sure to include examples of an <xi:include> statement that has an <xi:fallback> child. Also, use an <xi:include> element to include the contents of a text file that holds the name of the publisher (Ligent Press). Remember that text files can only be the target of an <xi:include> when the parse="text" attribute is used.

Also, remember that you can re-use the transformation scenario that you created to test the files created during the first demo when you need to test the files created during this second demo. More than one XML file can be associated with the same transformation scenario. This will allow you to test that all text is being properly pulled into your master document.

Tools
Use the Oxygen XML Editor and the features that I demonstrated in the two demo videos.

Length

The content provided in the XML document and DTD document provided on our Weekly Schedule should be sufficient for both parts of this assignment. Remember to use the **File > Save as** sequence to create cloned copies of these files under different names before modifying the new files.

Format

Follow the approach from the demo videos when creating directories and files. In order to make your submission easier, you may want to name your top-level directory the same as your submission filename. Then, when you zip up the top-level directory, default zip options will create a submission file with the proper name. Also, remember to demonstrate that you have learned how to create, place, and use an Oxygen project file. If you follow the directions on the demo video, your Oxygen project file should be included in the directory structure that you zip up and submit.

File Naming Conventions

The name of the file that you submit should include both your name and the name of the assignment. It should follow the form:

   trainor_kevin_entities_xinclude.zip

Due By

Please submit this assignment by the date and time shown on the Weekly Schedule.