

## **Instructions for Music\_Library Coding Assignment**

### **Assignment**

Using the work that I did in the Design and Author a Data Interchange XML Document demo video as a guide, create an example document that can represent a list of holdings in your music library.

Since you are the designer of this XML document type, you get to make the important decisions. The requirements are as follows:

1. The document type should include a metadata section which includes information on the owner of this music library, the “as of” date of the document and any other metadata that you deem relevant.
2. The document type should have one element that contains the entire repeating group of elements that represent the items in the library.
3. The element that represents an item in the library must include sufficient data to identify the item including such things as artist, title, etc.
4. Make sure to represent at least one piece of information that is represented as an attribute.
5. Make sure that your example shows that some elements may be optional and/or may occur more than one time.
6. The document should include an XML declaration that specifies UTF-8 encoding.
7. Make sure that your document is well-formed.

### **Tools**

Create one XML document using Oxygen XML Editor. Test your document to make sure that it is well-formed. Submit the XML file to the drop box.

### **Length**

The document should contain enough item examples to illustrate which elements are optional, which are required, and which can occur more than one time.

### **Format**

Submit one XML file with UTF-8 encoding.

### **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\_music\_library.xml

### **Due By**

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