# Assignment # 1 - XML Document

### Due Date: April 21st, 2014, 6:00 PM

### Description

Create an XML document that models an online transaction web application (e.g., Amazon).

### Requirements

Being the first time in XML, this will be a great opportunity to start things off and get yourself acquainted with the XML syntax and creating elements, attributes, and using namespaces. For your XML format, you will want to include the following information (and data structures) in your XML document:

* XML declaration with version (1.0) and encoding (UTF-8)
* At least two elements that contain attributes
* At least two elements that contain other elements
* At least two elements that contain text
* At least two XML comments
* At least one marked section
* At least three entities (with one that has to be given as a Unicode value e.g. &#9400;)
* At least two namespaces (one that is the default, so no prefix)
* All namespaces must be used at least once!
* Document must contain at least 10 elements (they don’t have to be unique)

You are pretty free to write whatever you feel works best – you have total control as to how you wish to structure your XML format (hierarchy), and whether data that you describe are elements or attributes. However, your document must be well-formed.

### Hints

* Refer to the web sites found at the back of slides for week one

### Marks

The assignment is worth 10 marks in total.

* 10 marks for creating a format that represents the data that you are trying to describe
* Up to -8 marks for not parsing correctly (i.e. not well-formed)

### Submission

* You will work individually for this assignment.
* Your submission will be 1 XML file with the extension being XML. The naming convention will be lastname-firstname-assign1.xml (e.g. Ferguson, Arron-assign1.xml) and submitted to the D2L drop box at learn.bcit.ca