**Sample1.html Issues**

* Missing <!DOCTYPE html> declaration at the top of the page.
* The html tag is missing the lang attribute for Accessibility.
* Empty title tag degrading the user experience.
* Multiple tags were left open.
* Broken list tags <ul<li> is invalid.
* List tags are not properly nested.
* <td> tags were left open.
* Using the attribute border=1 is highly discouraged.
* Images lack alt text for accessibility.
* Despite HTML not being case sensitive, use of uppercase tags like <H1> is discouraged in HTML5.
* No <meta *charset*="UTF-8"> in the <head> for proper character encoding. Adding this will prevent the browser from misinterpreting non-English characters.
* No <meta viewport> in the <head> for responsiveness on other devices.
* Paragraphs are too long. Limit the length to about 80 characters a line.

**Unit2 Reflection**

For Unit 2, I created the HTML foundation of my personal portfolio website using XHTML 1.0 Strict. The site currently includes:

* index.html (About Me)
* resume.html
* projects.html
* contact.html
* blog.html

Each page features consistent navigation, meaningful heading levels, hyperlinks (both internal and external), an image with alt text, properly marked-up lists, a semantic data table, a contact form, and the use of <div> and <span> tags. Each page is designed to be easily extended or styled later using CSS. I used relative URLs for internal linking and an absolute URL for external navigation (LinkedIn).

The full site is deployed at: https://student.athabascau.ca/~macho1/comp266/index.html

The design and structure of the site were guided by the personas and scenarios developed in Unit 1:

* David the recruiter can quickly access my technical skills on the About Me page and download a printable resume.
* Angela the dev team lead can view my GitHub projects and assess both code and team compatibility by reviewing my blog entries.
* Lori the small business owner can see examples of my client-oriented work and easily request a quote via the Contact page.
* Carlos the CS student gains inspiration from the structure and formatting of my portfolio.

Challenges:

* I spent over a month resolving access to the school’s student web server. Even after gaining access via WinSCP, I encountered frustrating permission issues, which significantly slowed progress and as of now has still not been resolved.
* Another area I spent time researching was the difference between HTML5 and XHTML. I ultimately chose XHTML because of its stricter rules, which I believe will help instill better habits as I continue learning. Some helpful resources included:
  + <https://www.w3schools.com/html/html_xhtml.asp>
  + <https://www.geeksforgeeks.org/html/difference-between-xhtml-and-html5/>
  + <https://landing.athabascau.ca/pages/view/110055/html>

What I Would Do Differently:

* I would begin server testing earlier in the unit to avoid being blocked late in the process.

While I will be adding additional HTML where need be as the course continues, I believe I’ve built a solid foundation. The code is structured, accessible, and ready to support styling and scripting in upcoming units. I am really excited to proceed to the next unit and start styling my pages.