**Instructions:**

Write a simple C++ console program that takes cd\_catalog.xml (attached) as input and converts it to an HTML file.

**Requirements:**

* **Document and explain your design choices. This can be done with in-code comments, dedicated documentation files (i.e. "README"), or both.**
* It should be a single executable that takes the file name as input
* The output HTML should be formatted as a "table" element
* Sorting is not important for this challenge
* There are no other constraints. Google to your heart’s content.
  + Use any libraries you want, and any platform you want (Mac OS, Windows, Linux, etc.). Your submission should only include the source code, documentation, and any files required to build the executable. Please include steps for building the executable in your documentation (a Makefile is preferred).

Try to implement this as if you were doing actual work for OpenText. Document your rationale for any decisions that you make. If a trade-off is made by a pattern or approach you used, please document it and explain your decision. If you re-use any existing code or libraries, please include references.

**Submitting your solution**

Your submission should include your code and any readme files and or documentation you deem necessary. Please submit your solution via a Github link.

If you have questions, please feel free to contact me at [blopez@opentext.com](mailto:blopez@opentext.com)