**Instructions:**

Write some C++ code that takes cd\_catalog.xml (attached) as input and converts it to an HTML file.

Requirements:

* The code should be written in C++
* It can 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
* Try to document your decisions, either in comments or in a separate readme file
* 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.). Please be sure to document the platform used to build the code when you submit it.

Try to implement this as if you were doing actual work for OpenText. Your code should demonstrate an object-oriented design and engineering best practices. Document your rationale for any decisions that you make. If a trade-off is made by a pattern or approach you used, please document and back up your decision. If you re-use any existing code or libraries, please include references.

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