

This assignment was very helpful in reintroducing concepts learned in previous classes, but forgotten over summer. It also provided more information into the inner workings of templates and how the compiler processes them. The use of makefiles was also very helpful. It was very helpful to have the code provided for us to make the first assignment not too challenging, however with the requirements for documentation we still needed to understand how all the code worked. Because of this more time could be spent understanding doxygen rather than stressing over the project and being unable to spend time learning how to use doxygen.

It was difficult to understand completely the requirements and the makefile that was provided did not appear to work with the programs provided from the book. This was the only real major difficulty as the very basic requirement is for the program to compile and without a functioning makefile this cannot be done.

The biggest help I needed was restructuring the makefile. The internet was also very helpful in understanding how to restructure the makefile and how templates and `#include` truly work. The book provided an incredible amount of help, as the whole assignment was taken from the book.

This assignment, as I stated earlier, was very useful in understanding how templates work and how the compiler deals with them. It was also very helpful in understanding doxygen as this was the first real interaction I have had with it. This assignment also helped with the creation of makefiles.