Jess Rudolph

COSC 603

Project 1

Task 5

I’m not sure what I learned from this outside of the realm of properly setting up Javadocs. The overall assignment was a struggle that seemed to never end. The Fortran code was nearly impossible to understand, especially the portion of the code to calculate the drying factor. I tried to closely examine the flow chart and compare it to the Fortran code and compare that to the requirements document and was still left with questions unanswered. I convinced myself that I was being graded on my execution of re-engineering the code and to not worry about the accuracy being 100%. However, I don’t feel that it is feasible to re-engineer something that I do not understand.

The first step in completing this project was to understand the Fortran code by converting it to java. At this point, I was not thinking about creating executable code or re-engineering it, so my code was just as messy as the Fortran code. When I went back through my code, I had to make extreme modifications just to get it to execute. I spent so much time and energy into trying to understand the code and translate it to java that that became the most prominent part of the assignment. Though this was supposed to be a re-engineering assignment, based on the above-mentioned factors, it became a programming assignment to translate the code to java. This could have been more of an engineering assignment if the scope had been reduced or if the Fortran code made sense in Fortran.