I learned quite a bit from this this first project. Setting up the development environment using eclipse and the JAutodoc plug in associated to what is needed was pretty simple and extremely use full in the real world in my opinion. This is important because starting at my current job, I had to download my own development tool. It was not set up for me. So knowing how to do so from my previous classes was beneficial to me. This goes the same fir the GitHub and Git repository. At UPS, we use CVS for our repository, but it is essentially the same idea. The activity gave me realistic experience in the actual creation or a project and connecting it to the repository rather than simply using already created connected projects.

Analyzing and understanding the legacy code was the most difficult aspect of the project because I had to understand what the Fire danger program actually does. Even with the flow chart provided in the document, it was still pretty difficult to understand because it is a different language and pretty old code. But as instructed, understanding the high-level behavior in order to Re-engineer the program and not just translate it into java code was a great approach. Also testing the code as I was going was also extremely helpful especially using the debugger to figure out where an issue was coming from.

Finally, the documentation aspect would probably be the most important step that I took for the project using JAutodoc. The documentation is helpful when someone else has to come along late and maintain this new code that is created. The only issue I would say I had was understanding some of the syntax of Fortran 77 but with a little research, I was able to understand with the best of my ability.