**Task 1 – Setting up the development environment.**

While performing this task, I learned about setting up and using the Eclipse IDE. I never used Eclipse before, so I read through the tutorial listed in the assignment paper. I also developed a ‘Hello World’ program to become more familiar with the Eclipse IDE. I installed the Eclipse GitHub and Javadoc plug-ins, the GitHub Desktop, and created a repository on the GitHub web portal. I then went through the tutorial on the GitHub.com. The GitHub tutorials were somewhat helpful, but they didn’t explain how to use the Eclipse GitHub plug-in.

I was not familiar with Javadocs, so I reviewed all of the learning resources listed and reviewed some other tutorials that I found on the Internet. I found that there are two different ways to write doc comments: API specifications or programming guide documentation. I also learned that the documentation should satisfy the needs of conformance testing by SQA. The API specification comments are owned by programmers, but edited by both programmers and writers, dual ownership. Comments are in HTML and must precede an element, like a class, field, constructor, or method declaration. The comment has a description part followed by block tags. The first sentence of a doc comment is a summary sentence that is independent. The Javadoc tool copies the first sentence of these comments into the summary of the appropriate element. So it is better to write informative initial sentences that are autonomous.