**For supporting documentation for this assessment please refer to john\_warde\_d10126532.docx**

These are notes I have made for my own reference during the development of this assessment.

Excellent first steps in Eclipse tutorial : <http://www.vogella.de/articles/Eclipse/article.html#firstjava>

<http://www.vogella.de/>

To run the project from outside the Eclipse IDE:

1. Right-click on project
2. Export …
3. Choose JAR file under Java
4. JAR Export dialog
   1. Choose the project name
   2. Check “Export generated class files and resources”
   3. Choose/Browse for export destination
   4. Check “Compress the contents of the JAR file”
5. C:\johnwarde\java\library\bin>java -classpath library.jar library.Library
6. OR from src folder while in GIT Bash  
   java -ea -classpath ../../bin/library.jar library.Library

When you get a “*JAR creation failed. See details for additional information. Resource is out of sync with the file system*” error message you need to right-click->refresh on the reported resource, this is usually the Word documents that get edited outside Eclipse

More info at <http://www.vogella.de/articles/Eclipse/article.html#firstjava>

Console Input

<http://www.javapractices.com/topic/TopicAction.do?Id=79>

These tutorials may be useful later on! For GUI programming

<http://download.oracle.com/javase/tutorial/uiswing/components/combobox.html>

<http://www.ibm.com/developerworks/opensource/library/os-ecvisual/>

**GIT – initial config**

git config --global user.name "John Warde"  
git config --global user.email [john.warde@gmail.com](mailto:john.warde@gmail.com)  
cd ~/.ssh  
ssh-keygen -t rsa -C [john.warde@gmail.com](mailto:john.warde@gmail.com)  
ls -l /c/Users/johnwarde/.ssh/id\_rsa  
ls -l /c/Users/johnwarde/.ssh/id\_rsa  
ssh -T git@github.com

**GIT – initialize new repository**

cd C:/Users/johnwarde/Downloads/johnwarde/library  
git init  
git status  
git status –s  
git add . (add everything in current directory)  
git commit -m 'First commit of project'  
git remote add origin git@github.com:johnwarde/library.git (links to repository at github.com)  
git push -u origin master

**GIT – normal workflow**

git status  
git status -s  
git add src/library/Book.java  
git add src/library/Library.java  
git add . (you need to do a git add on already tracked/modified files too to put them into staging for commit)  
git checkout HEAD hello.java (reverts changes to a file)

git commit -m "Added Library.java, modified others to work with it."  
git push origin master (push changes to remote repository)  
git status –s

**GIT – other useful commands**

git log  
git client ???  
git –help  
git rm --cached ../docs/~$nNotes.docx (supposed to remove tracked file but didn’t work)