IT7320 – Software Development and Testing

Assignment 3

Test Driven Development

*Compiled October 2018*

*Aleisha Perry - 2115039*

For

*Chalinor Baliuag*

*Due Date: Week 12, Trimester 2, 2018*

# 

Contents

[Part 2 2](#_Toc526919434)

[Using Jenkins 2](#_Toc526919435)

[Appendix A 4](#_Toc526919436)

[GitHub 4](#_Toc526919437)

Table of Figures

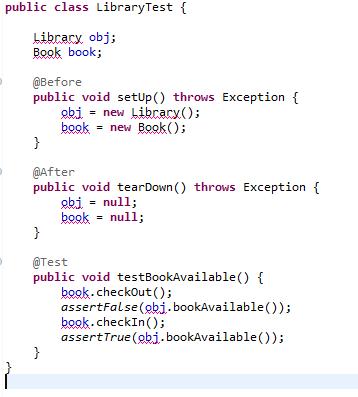
[Figure 1 - Original build in Jenkins to test connection 2](#_Toc526919438)

[Figure 2 - All subsequent Jenkins builds not recognising 'mvn' as a command to run tests 3](#_Toc526919439)

# Part 3

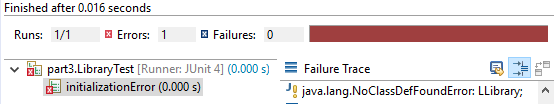
## Test Driven Development

### Step 1:



Step 1 >> the testBookAvailable() test is created. This code shows that checkOut(), checkIn(), and bookAvaliable() methods will be required in the development in order to determine the status of a book in the library, Two classes called Library and Student must be created also.

### Step 2:



Step 2 >> the test was run and failed, specifically because there is no Library class yet.

### Step 3:

Step 3 >>

# Appendix A

## GitHub

GitHub was used for the duration of this assignment in order to submit assignment in stages (Parts 1 - 4).

**Profile - Aleisha**

Remote Repository main branch (owner) link: <https://github.com/kiwiFudge/IT7320_Assignment3_Part3.git>