

Summary:

According to this project, this assignment has shown to be very challenging but have positive benefits in learning software testing. The 15 seeded faults were discovered and corrected as seen in the printtokens.java file (refer comments) with the help of using Junit testing. According to the JaCoCoverage analysis report, even at 82% code coverage Unit testing and 78% code coverage system testing, it still achieved in solving the most significant faults (the seeded 15 faults) and compiled successfully with the input text file (tokens.txt) within the project deadline. Please refer to other documentations for further information and analysis on this project. Refer to the comments in the source code Printtokens.java for specific corrections that were made to the source code. I believe the most time consuming of performing this project was creating the CFGs and the basic block table.

Discussion:

N/A

No discussion were made for this project since there are no in-person lecture for this course.