- Project 4 Peer Review -

Case #2:

After importing the file to a decompiler and importing it correctly into Eclipse I setup the Test class to implement the students file. I ran the program and recorded the results which were that the program is only partially functional with several key components absent. The class was only able to correctly identify one of the tests once then appeared not to be able to reset correctly.

After reviewing the code I saw that the testing code was setup to use a series of two 'int' variables and one 'boolean' variable to keep track of whether or not the test string satisfied the specifications. While this setup could have worked with slight modification, my suggestion for an easier way would be to create a 'str' variable to keep track of the "string of characters " the document said would be coming through. With a 'str' you would be able to receive the input then setup a method for your testing logic and run it against the 'str'. Then with that setup you could be able to use the 'str' to look into where the program needed attention. A way to get a visual of what is happen behind the scenes would be to make two 'int' variables that could be tallied and printed at the end to see where the break was. While working on this project I spent nearly eight hours trying to use a similar setup for my testing method and could never get it to work just right. Not only that but couldn't understand where it the issue was.

To test the file I ran it through 4 individual independent tests that tested the four separate breaking points in the specifications. The first two were to be found correct and were ['a' 'a' 'a' 'b'] – ['b' 'b' 'b' 'a'] – ['a' 'a' 'b' 'b'] – ['b' 'b' 'a' 'a'] .