**CS 1632 - DELIVERABLE 3: Web Testing with BDD**

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Test/HoodPopperTest.java

https://github.com/znaeb/CS1632QA-Diliverable3

Summery:

For the user stories, I had each user story be the results for when the user Tokenizes, Parses, and Compiles. For the scenarios, I tested the functionality of individual features by making sure the count of each operation/command is correct, i.e. the number of additions, subtractions, etc., however I did not check whether the order/format of the commands was correct i.e. the tests would view an addition followed by a ‘put’ to be the same as the ‘put’ followed by the addition. I did not implement this functionality because my understanding of how the properly formatted output should look is lacking, (plus if I were to go to in depth I would essentially be writing the Hoodpopper program from scratch). I only had one issue regarding implementing the test cases (well it’s more like a set of issues), and that is that the newest version of Selenium didn’t have the HtmlUnit-driver. After I had Selenium working properly, I had no issues.

The program is located at: Test/HoodPopperTest.java

Extra credits and stuff:

For pointing out the issue with Selenium I was told to mention it here for five extra credit points.

I was told I would get five extra credit points for finding this issue: if the last character in the Hoodpopper text window is a ',' (this is a comma) then the site says "We're sorry, but something went wrong." after the user presses parse.

Some other characters that cause the same issue when parsing: ‘:’ ‘~’ ‘^’ ‘%’ ‘&’ ‘\*’ ‘-’ ‘=’ ‘+’ ‘<’ ‘>’ ‘.’ ‘/’ ‘\’ ‘|’ ‘(’ ‘{’ ‘[’

These characters pretty much all have the similarity that they have the assumption that they would be followed by something else, i.e. a number or a variable in the case of the operators, and for the opening parenthesis/bracket/etc. it will break no matter what if there is no closing parenthesis/bracket/etc.

Test Results Image:

