Hood Popper

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CS 1632 - DELIVERABLE 3: Systems Testing A Web Application

**Summary**

During this project, I found it difficult to figure out whether I was testing the program extensively enough or not. The cases that I tried to pick were wide in variety, but most seemed to be one offs from each other. I am not sure if that was the point with such a simple project, but I cannot see myself testing the program any other way. Furthermore, I found it a little difficult figuring out how the tests should be run, whether they are run from a test suite or just using a test runner. I was able to get the test runner to worker fairly quickly, but learning how to create and run the tests through a test suite took some time.

The problems I could see going forward with this project is if the 500 errors with the parse screen got fixed for the weird characters such as (+, ------) being solely input into the code area on the main screen, tests that correspond to inputs such as those would then break because they were written in anticipation of failure on the parsing screen. Also, if the program were to be bigger next time I were to test, I would expect it would be a little difficult to figure out how best to test it because there might be multiple ways unlike this project.

Running all 20 tests should only involve running the HoodPopperTestSuite.java file after compiling HoodPopperTests.java and HoodPopperTestSuite.java. Alternatively, the tests can be run using the HoodPopperTestRunner.java file after that file is compiled along with HoodPopperTests.java.

GitHub Repo: <https://github.com/alexhoneygosky/HoodPopper>

**Testing Screenshot**

