CS 1632 - DELIVERABLE 3:

Systems Testing A Web Application

## Hoodpopper

<https://github.com/kingsman142/CS1632/tree/master/Deliverable3>

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Summary:

Hoodpopper is a Ruby compilation application, we first tested the system by applying simple Ruby commands such as initializing variables, and printing using the method ‘puts’. Next was exploring how each of the Tokenization, Parsing, and Compilation are implemented under the application in terms of how the output of that process was formatted so we can test it. Then we determined that the basic tests to be applied would check for empty inputs, mixed type inputs, and incompatible types.

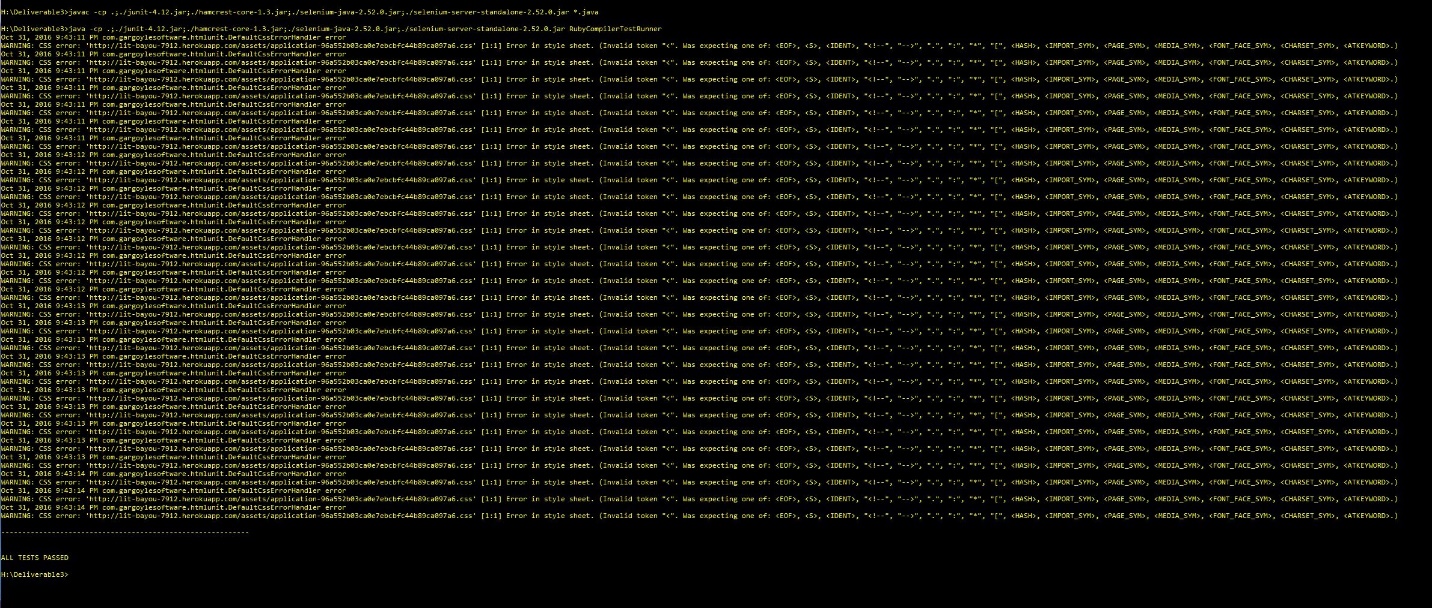
Running the tests:

First I wanted to check the version of Selenium and the bindings we will be using. We ran the tests using the Selenium plugin for Firefox, and used the Java bindings acquired from <http://www.seleniumhq.org/download/>. The versions of Java bindings we used is:

* selenium-java-2.52.0
* selenium-server-standalone-2.52.0

Since we were only testing basic features of the Ruby language, there were practically little concerns with the tests, however when writing the tests for the parsing and compilation, we had to re-edit the test code to match the output with the regular expression produced in the <code> area of the application, particularly the spacing of the output versus syntax in the test.

### Test-run Screenshots

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