**Daniel Justice**

[**https://github.com/danieljustice/CitySim9004**](https://github.com/danieljustice/CitySim9004)

**CS 1632 - DELIVERABLE 2: CitySim9004**

Setting up the build was extremely difficult. It might have been because I am working on a windows machine but even though I could see that the .jar files were in the directory my code would never acknowledge them. So instead I followed the CS-1530 instructions and installed Gradle. Now life is grand. So please use Gradle commands to run this project.

Test: gradle test

Run: gradle run -PappArgs="[arg1]"

Where arg1 is an integer argument passed in.

Call these methods from CitySim9004 directory.

After that I had difficulties properly mocking and stubbing out my driveCar() method. This method resides in the City class and has the Car, Building and Road classes as dependencies. It was simply a wall of mocks and stubs to properly test this so I decided to actually create actual instances of each class and test it that way. I know that the test is more brittle that way, but sometimes I guess that has to happen?

After that the most difficult thing was trying to get any of this to work without Gradle. I really tried but even the exercise in class was extremely difficult on a windows machine and I never full got that to work correctly.





