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https://github.com/TKosmacki/CS1632

CS 1632 - DELIVERABLE 2: Unit Testing and Code Coverage

I could not get Mockito functional in eclipse. I wrote out all of my tests but did not have a chance to run them or check the code coverage on them. I found it difficult when writing my code to write it in a way that would make it easily testable to fill the requirements of the assignment. After writing it the first time I saw that it was not very testable, not a lot of returns and many things grouped together in a single method. I then rewrote the assignment with testing in mind, not exactly rewritten but restructured to make testing easy. I made a driver class that allowed me to have an object that could be doubled and methods which could be stubbed. This made it a lot easier to test my non void methods. While writing my tests it became difficult to decide which cases should be included, mainly deciding which cases were equivalent but then I realized that this was already in my code in the form of if statements with && which made separating those easier. After that I encountered very few problems.