

Most of the issues I faced related to the factoring of my methods. After the code was functional as listed in the requirements, I began writing the tests. I quickly realized that if the tests were going to be effective I would have to refactor my program. This made my methods easier to test and made the unit testing more thorough. In some methods I had to add code to be able to really test it but it was only ever adding a different return value. I didn't fully understand how stubs work when starting this assignment, which made some unit tests very annoying. Once I understood stubs it was very easy and convenient to use them. I did run into issues when my methods relied on instance variables of another class rather than just methods. I got around this because ruby doesn't have different syntax for getting variables or calling methods so I was able to stub them as if they were methods.