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Lab 4 Questions

1. Test driven development is the process where you create tests for a method that you will write, before you actually write the method. Then you write your code so that is passes tests one test at a time, driving how the method is formed.

2. I would agree with both of those claims. It gives me more confidence because I take a much longer time to analyze what a method is doing. This also leads to creating a lot of tests for your code which is good for regression testing, which improves overall code quality/thoroughness.

3. Advantages: Makes sure you are testing your code as you go and getting all of the edge cases as you write your code. Makes you code slower and more meticulously to catch bugs easier.

   Disadvantages: Is a slower process than testing after you write methods. If you write your code based on your tests, you may not catch all of the bugs that could arise from implementing your code.