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Lab 4 – Test Driven Development

1. Test driven development is the process of developing software by writing the test code first, and then writing the actual programs code to pass the tests.
2. I do agree with these claims. I think that if your code passes certain tests, even if just up to a certain point, it definitely makes the person more confident. This is because they know that their program up to that point does what it needs to do because it passes the tests they give it. It also improves overall code quality because you write the tests before the code and therefore set specific goals for your code before you realize certain pitfalls or bugs.
3. It's nice to have an easy starting point for code. You can get your code to do something simple like return an empty list and you just check for that right at the beginning. It's easy to start with TDD and easy to progress because you have your own set goals that you can accomplish in little, easy to manage steps. It's somewhat time consuming though and can be tedious, especially when it's an easy method. It does however instill a lot of confidence. Every now and then I would mess up on something really simple, either if it was writing a test case wrong or writing the code a little bit wrong. It is very self-correcting and makes it very easy to find your errors when you know the specific parts you changed from the last commit.