

CSSE 376 Software Quality Assurance

Lab 5

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1. TDD is a software development process that implements the procedure that first a failing automated test case is written, and then the appropriate code was written to pass that test.
2. It definitely increases the confidence software developers have in their code, but I don't totally agree with that it improves overall code quality. Since the goal is to write code that passes the test, it might not be the best practice of writing code. It focuses more on the functionality of the code inside of the right style and practice.
3. The obvious advantage is that it is easy to tell if the code is behaving right or not. If the test passes, then the programmer's job is done. The disadvantage would be that it relies on the fact that the tests that were written before hand need to guarantee to be right because the code relies on it, and also it doesn't help with thinking and planning ahead so sometimes it is not very efficient.