

### Lab 5 Answers

1. Test-Driven development involves creating test cases, one at a time, that dictate what a software program should do, then developing the program to conform to the test cases as the test cases are created.
2. I do agree that it increases the confidence that software developers have in their code, and that most of the time it improves the code quality; however, I can imagine that there are some cases where re-doing portions of the code may result in a decrease in its quality, although I'm sure these cases happen rarely.
3.
  - a. Advantages: Keeps the developers focused on piecing the project together one step at a time, makes the developer feel like fast progress is being made
  - b. Disadvantages: When the long-term solution becomes apparent, it's a little annoying to continue writing barely enough code to satisfy each new test case.