

## Kyle Spiegel

1. Test driven development is a process for developing code where you start by writing a test for a feature if your code passes then you write another test if not then write the code necessary to pass the test
2. I feel it could definitely increase confidence because you can demonstrate that the code has desired features based on the passed tests. However I do not agree that this process inherently increases quality. There is a lot of potential for code to be fragmented based on features and bigger than necessary as specific cases are addressed in different ways when a more general approach could work better.
3. Some advantages of TDD are that it forces the programmer to focus on implementing features one small aspect and case at time, breaks up development into small chunks and assuming it is done well allows confidence that the system will meet all functionality requirements. Some disadvantages are if you are not paying attention to refactoring concerns the code will get real messy real quick and that it leaves little room for coming up with improvements.