

# Test Driven Development Reflection

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Test driven developement turns requirements into very specific test cases. This type of developement calls for many repetitions of a short developement cycle. We essentially create these tests on code before writing the code itself. The test is instially bound to fail and the developer must make the appropriate changes to correct the code.

In my experience test driven developement causes the developer to have significant overhead when creating the tests. Even before writing a single line of code the developer must consider how to test the code thoroughly. Since I did not layout a simple code outline I did not have a clear picture as to what tests I should be creating. For example I did not formulate the correct formula for calculating a sensor reading until after I completed the code and experimented with project. This type of developement strategy is interesting because I can think about the various ways my code could break however I feel it slows down the developer opposed to Code driven developement. I belive test driven developement will reduce the number of bugs overall however.