

# Testing Demo

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## Abstract

Live demo of writing code and tests.

## 1. Introduction

This live demo is intended for people that have not seen test driven development in action before. See what a failing test should look like. And then I'll attempt to write some code to make that test pass so that you can see what a successful test run looks like - I may need some help from the audience at that point. Along the way you'll see various features of the test framework 'nose' in action and even some doctests.

## 2. References

- Nose extends unittest to make testing easier. See <http://somethingaboutorange.com/mrl/projects/nose>
- Chapter 9: Unit Testing of Dive Into Python 3 by Mark Pilgrim. Provides a detailed walk through of test driven development in Python using unittest. See <http://diveintopython3.org/unit-testing.html>
- Introduction to unittest - Starting Testing with Python by Michael Foord. Provides an introduction to use of unittest and mock objects. See <http://www.voidspace.org.uk/python/articles/introduction-to-unittest.shtml>