

# Unit Testing and Test Driven Development in Python

## Assignments

### Chapter 3: Setting Up Your Development Environment

#### *Assignment 1: Set Up Your Development Environment and Do the FizzBuzz Kata*

Set up a Python virtual environment with PyTest and set up your preferred Python IDE to use that virtual environment and to show the green/red bar from the PyTest output. Now that you've implemented Fizz Buzz while following along with the video, try doing it again without the video.

### Chapter 5: The Supermarket Checkout Kata

#### *Assignment 1: Implement the Supermarket Checkout Kata While Following Along with the Lecture*

This assignment is to implement the Supermarket Checkout Kata while following along with the video lecture.

#### *Assignment 2: Add Exception for Not Reading the Line to the Checkout Kata on Your Own*

Now that you've implemented the Supermarket Checkout Kata while following along with the video lecture, try adding another test case to have the production code generate an exception if there was an error reading a line from the file.