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Faking	g collaborators
In a point-of-sale system, we have a class called Sale. Whenever scan() is called, the Sale object needs to display the name of the item that was scanned, along with its price on a cash register display.	
	Sale + scan(barcode : String)
	How can we test this to see if the right text shows up on the display?
	If the calls to the cash register's display API are buried deep in the Sale class, it's going to be hard.



















Test-driven development

Test-driven development activities:

- 1. Write a failing test case.
- 2. Get it to compile.
- 3. Make it pass.
- 4. Remove duplication.
- 5. Repeat.

Test-driven development

Suppose we're working on a financial application, and we need a class that is going to use some statistic mathematics to verify whether certain commodities should be traded.

The class must have a method that calculates something called the first statistical moment about a point.

We know the math, so we know that the answer should be -0.5 for the data series we code in the test.











