Exercise 5 - testing "SumPrimes"



Lesson 1: Its not easy to understand somebody else's code

• Assumptions, reasons are hard to see

"Is one a prime number?"

Test defines the behavior!! assertTrue(sumPrimes(1)==1)

Lesson 2: Better structure would have helped

- Separate "isPrime" from counting loop to allow separate understanding
- Make the algorithm for checking prime even clearer

Exercise 5 - isCube, isSquare, et al

New bugs:

- Just introduced
- Newly discovered in another area
- Newly understood to be bugs

Too many possibilities, how do you keep track?

This is why large projects get harder as you go along!