RED - GREEN - REFACTOR

1. Write a failing test (RED)
- Write the next test that will drive out functionality
- If it's too hard to write a test, you probably need to refactor the implementation code
- If you're writing implementation code without a test, you're doing it wrong!

2. Write the simplest code to get the test passing (GREEN)
- Write just enough code to make the test pass, if the test expects the result '2', return '2'!!
- Remember to switch pairs between steps
- If you find yourself spending more than about 5 minutes in between green tests, you need to take smaller steps

3. Improve the test / implementation code make intent clear (REFACTOR)
- Refactor to remove duplication in your tests (but only when it won't detract from the intent)
- Refactor to remove duplication in your implementation code
- Refactor to improve the expressiveness of your code