TDD with JUnit Lab 1

Using TDD, develop a simple system to calculate course costs for students of a college

Here are the initial requirements:

Each quote is for a single student

Base cost is given by this table

Length	cost
3 weeks	500
4 weeks	700
6 weeks	1100
8 weeks	1500
12 weeks	2000

Other factors affecting cost:

- Residency: Out of state students pay 10% additional
- School loyalty: $50 off per year of enrolment

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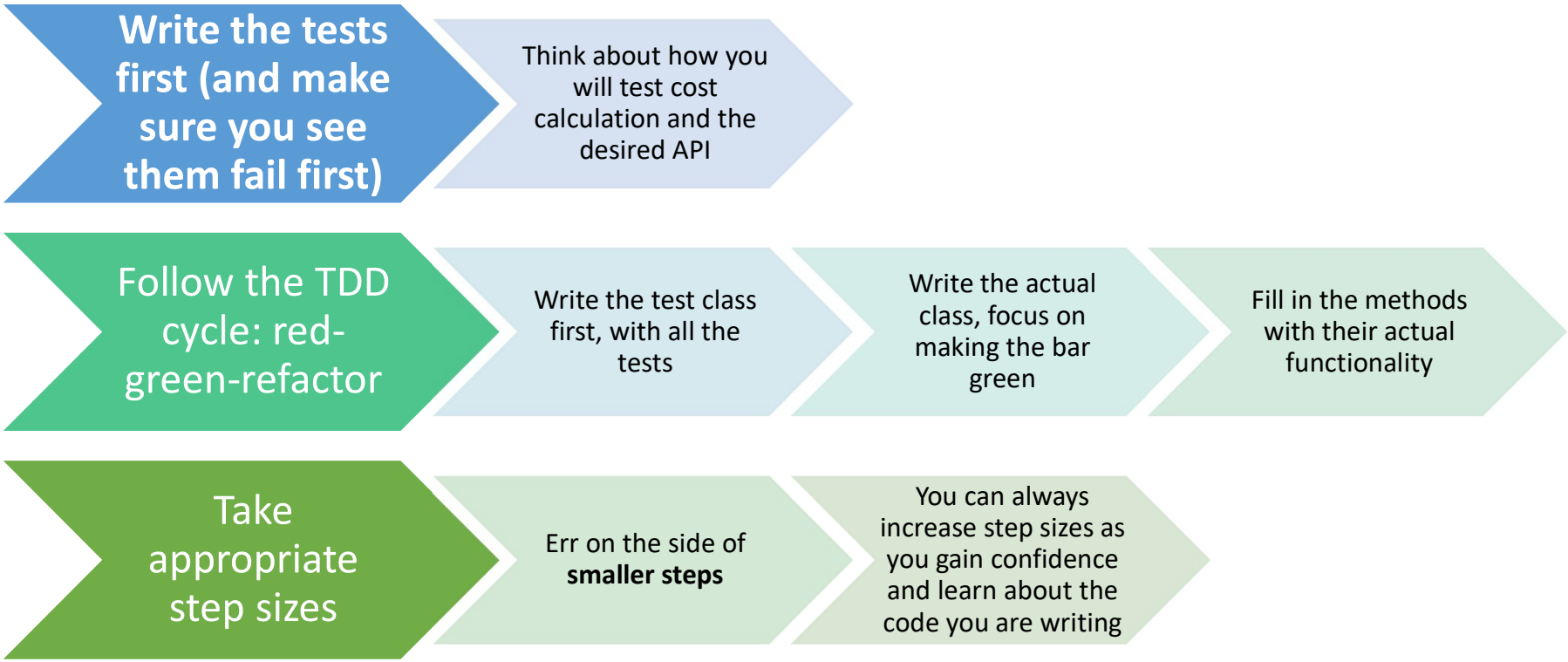
Use the following conventions for your tests – examples:

- TargetClass is tested by TargetClass**Test**
- TargetClassTest is in same package as TargetClass
  - But use separate source folders for target and test code
    src*/com/company/project/TargetClass.java*
    test*/com/company/project/TargetClassTest.java*
  - Allows you to test package private methods, yet still keep target and test code separate

Testing **may** require exposing some things not required by the client (but try to keep this to a minimum)

- You may need to think beyond what the user client needs, to incorporate what the test needs
  - Different method signature, package private methods, etc.

TDD with JUnit Lab 1 (end of lab)