CS6312

HW03 Grading*

This week is all about JUnit testing and making sure the `BikeLock` class is written correctly. In doing so, your submission should have:

`Dial`

- Instance variables
- 0-parameter constructor
- `getValue`
- `decrement`
- `increment`

`BikeLock`

- Instance variables
- 0-parameter constructor
- 4-parameter constructor
- `toString()`
- `incrementDial(int, int)`
- `decrementDial(int, int)`
- `boolean isOpen()`

There should also be a package containing the JUnit test classes. Each test class should have an appropriate number of test methods present:

- `TestCreateDial`
- `TestIncrementDial`
- `TestDecrementDial`
- `TestCreateBikeLock`
- `TestIncrementLockDials`
- `TestDecrementLockDials`
- `TestBikeLockIsLockOpen`

For the grading this week, we will look at 10 of the above items. We will not only look at and run your code, but we will also have a set of JUnit test classes that will call and test your methods. This means it is critical that your code (1) does what it is supposed to do and (2) is named as described in the PDF.

In addition to functionality matching the descriptions in the assignment PDF, items must meet the items outlined in the Java Best Practices document (included at the top of our course's page on Moodle). There should also be an appropriate number of commits (with appropriate messages) to your repository.

ANY Checkstyle issues will result in a maximum score of 14/20

NO repository/commits will result in a maximum score of 14/20

* NOTE: This document is meant as a rough guideline for distribution of points and may be adjusted in case of errors