

Practice Assignment: W04_09-19_1

CISC 3120 Section ER6 Design and Implementation of Software Applications I

In this exercise, you will design and implement unit tests for the code you wrote in the previous exercise about the Fruits Array and Array List. Follow the steps and complete the tasks:

1. The unit tests demonstrated in the class (Lecture C07, September 19, 2017) is distributed in the `ArrayArrayListWithTests` project in the `sampleprograms` repository. You will copy the project to *your own weekly practice repository*, and work on your own copy.
2. Complete the three TODO's in the `FruitArrayTest.java` The three TODO's read as follows,

```
// TODO: 1. Add a test class FruitArrayListTest.java, and design and implement
//          a few tests for the delete method in the FruitArrayList class. When
//          designing your test cases, consider test coverage and the quality
//          of the both of the code under test and testing code.
// TODO: 2. If your code does not pass the tests, fix your code. Explain the bugs
//          found in a comment in both FruitArray.java and FruitArrayList.java.
//          If you do not find any bugs, you still need to write a comment in both
//          FruitArray.java and FruitArrayList.java, and the comment reads, "no
//          bugs found" or similar.
// TODO: 3. Explain why I gave up the idea of using assertArrayEquals. It seems to
//          be simpler if I used it. Write your explanation as a comment in this
//          Java file.
```

Submit your work by pushing your project to Github.