CMPT 280
Topic 2: Regression Testing

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References

- Textbook, Chapter 2

Exercise 1

- Generate test cases for the `insertFirst` method of our `LinkedList` class using the black-box method.

- Generate test cases for the `insertFirst` method of our `LinkedList` class using the white-box method.

Exercise 2

- Generate test cases for the `insertFirst` method of our `ArrayedList` class using the black-box method.

- Generate test cases for the `insertFirst` method of our `ArrayedList` class using the white-box method.

Exercise 3

- Implement the tests for the `LinkedList` class.

Exercise 4

- Generate and implement test cases for the `ArrayedList` class.

- Observations:

    - Since the interfaces are the same, we should be able to re-use most of our testing code from `LinkedList`.

    - There will be some differences testing `isFull()` because the linked list version of this method can never return true.

What's next?

- Timing analysis of algorithms. We need to be able to compare the efficiency of operations on different data structures and different implementations of the same data structure.

- Next class reading: Chapter 3 of textbook.