Screenshot 1 - maxItem()
Lab part A asks to create a method called maxItem() that determines the maximum data element stored in the LinkedList. Below screenshot shows the list being created, an output when no items are in the list, an output with one item is in the list, two items in the list, and 3 items in the list.

No items in the list returns -1, and prints an error, as shown in the first portion of the output.

At each point the output also shows the current list for easy validation with the results.

```
Constructing intList

******* Testing maxItem *******

Testing maxItem with empty list:
Error: There are no elements in the list.
Max Item: -1

Current List: 100
Testing maxItem with one in list:
Max Item: 100

Current List: 200 100
Testing maxItem with two in list:
Max Item: 200

Current List: 150 200 400 100 350
Testing maxItem with many in list:
Max Item: 400
```

Screenshot 2 - isAscendingOrder()
This screenshot shows the output for isAscendingOrder which tests if the list is in ascending order or not. It returns true if it is in ascending order and false if not. The instructions asked to test with 0 in the list, 1 in the list, and many in the list. It also said if 0 or 1 in the list it should always return true.

At each print out it shows the current list to help validate that the return value is correct. The last portion of the output shows a case where it is no longer ascending in order and returns false.

```
******* Testing isAscendingOrder *******

Empty list test:
Ascending in order: True.

One in list test:
Current List: 100
Ascending in order: True.

Two in list test (still ascending):
Current List: 100 200
Ascending in order: True.

Three in list test (still ascending):
Current List: 100 200 300
Ascending in order: True.

Four in list test (NOT ascending):
Current List: 100 200 300 150
Ascending in order: False.

Program ended with exit code: 0
```