Professional Integrity Report (CPS101)

Student Name: Brenden O'Brien   **Assignment #: 7**

It took me 6 **hours to complete the assignment.**

Other than the textbook and class materials, I received the following help and referenced

these resources (provide the details on what you have borrowed and learnt from each).

At one point during my coding, I started receiving a NoSuchElementException when I prompt for two values to remove from the tree. I found that I had my getInput() method set up so that it would create a new scanner object, then close the scanner after the input. However, whenever this method would get called a second time it would not be able to create the object. I ended up creating a static scanner for the class and had the method just access that one.

These parts of the program work well:
Program handles receiving non-integer inputs when expecting integers, data gets removed from tree successfully and the display method doesn't leave any bugs like last time.

These parts of the program don't work well (please identify the specific problem):
I don't have any current problems in the program affecting the quality of it
I learnt the following in doing the assignment:

I learnt about the NoSuchElementException and what it means, I learned that you could have classes of the same name as long as they are within the files which they are used, which cleared up my confusion about having two different types of nodes. I almost created duplicate BSTPrint methods with just the different parameters for a BST Node and a AVLTree Node. I figured out how to keep them both as "Node", so I didn't need to create unnecessary excess code.

The difficulties I encountered were:
My greatest struggle was figuring out how to have two different classes with identical names in the same project folder. Then there was the scanner issue.
Here are some other comments or suggestions: