Professional Integrity Report (CPS101)

Student Name: Brenden O'Brien   **Assignment #:**   3

It took me 10 **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).

I didn't use any outside materials for this assignment, only zyBooks.

These parts of the program work well:

Palindrome checker works well, initial tests work and helped me see what I was supposed to do

for the other tasks. I have put some catch blocks for exceptions for when there are not enough,

too many, or no operators/operands for the postfix evaluator.

These parts of the program don't work well (please identify the specific problem):

The palindrome checker assumes every entered phrase was entered correctly and checks any

string for a palindrome. The postfixEvaluator() method if given no operands will perform each

operator given with 0 placeholders and prints each statement

I learnt the following in doing the assignment:

I learnt that stacks and queues make comparing elements positioned on opposite ends simple,
and effective, and helps with creating more efficient algorithms.

The difficulties I encountered were:
It took me a little while to figure out a way to catch exemptions in the palindrome checker and
expression evaluator while still prompting the user to try again without interfering with the
other code.
Here are some other comments or suggestions: