**Interface Exploration**

**CAC 180**

Without examining the program.py file, run it and complete the following tasks below.

1. What is the purpose of the program? How did you discover this?
2. Edit the main method to clarify to the user what the program is doing.
3. What happens if the user enters a capital letter?
4. Solve the problem so that the user understands what to enter and accommodates the situation where a capital letter is entered.
5. What happens if the user types something that is not a letter? Accommodate for this in your code.
6. When you play this game on paper, what do you normally write down?
7. As the user of this program, do you know how long the word is that you’re guessing?
8. Do you know the letters you have guessed?
9. What else might you want to know?
10. Edit the code to accommodate for #7, #8, and #9.
11. Why is it important to clearly define expected input from the user?
12. Why is it important to clearly define the output of a program to the user?
13. What is error handling? Can you explain why it might be important regarding user interaction? Can you think of an example of how a program you may use regularly does or does not handle errors well?
14. Optional – add the drawing component