Week 2 Exercises:

1. Write a function that takes in a string and returns the number of vowels in the string.

2. Write a function that takes in a list of numbers and returns the average of the numbers.

3. Write a program that reads in a text file named "the_story_of_rose.txt" and counts the number of words in the file.

4. Write a program that reads in a text file named "today_in_africa.txt" and prints out the 10 most common words in the file.

5. Write a program that reads in two text files, "the_story_of_rose.txt" and "today_in_africa.txt", and compares the number of words in each file. The program should print out which file has more words.

Submit your exercises via email to the course instructor.