**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.