CPSC 230: Computer Science I
Dictionaries Practice
In Class Assignment

a) Write a program that will open a file based on user input. Make sure your program handles any mistakes the user may make while entering a filename to open (such as Exception for "FileNotFound" error). If the user makes a mistake, re-prompt them for input until they have a valid file to open.

b) Your program must count all the words in the text file the user enters. Use a dictionary here (and class examples). After the words are counted, the program must print the results to a new text file. The name of the new text file that is created must be the old name of the file, with the added string "_wc" on the end of the file name. Each word will be printed to its own line along with the total count, with the order of words/lines being from the most used words to least.

c) Regardless of how far you get, submit your python file at the end of class with both partner's names on it to Canvas. Most of the code you will need for today is in Chapter 9 of your book, or has been covered previously in class.