* Download the file m5Tweets.py, which was provided with the course files.
* Another file was included with the course files, named words.csv, which contains the individual words from 32,826 of President Donald Trump’s tweets on Twitter. You must use "relative reference" to point to the file name, i.e., f = open('words.csv'). You will graph this data in frequency histogram format in descending order of the frequency of occurrence of the words.
* Use matplotlib and its bar chart method in Spyder to create a frequency histogram of the words used by Trump in his tweets. Use these parameters for your histogram:
  + The various words are plotted along the x-axis.
  + The y-axis shows the number of occurrences of each word.
  + Do not include the words in the histogram if they are contained in the list already included in the file M5Tweets.py, which is named stopWords. These words include articles and prepositions and are always excerpted from text analysis because these components of grammar impart little meaning.
  + Sort the data in descending order of occurrence so that you plot the data for the most frequently occurring words.
  + Plot the data for the 10 words that occurred the greatest number of times. This will keep the graph neat and show the most important words. Use the variable names x and y, respectively, for the lists of x-axis data (words) and the y-axis data (frequency of occurrence).
  + Create captions on the x-axis and y-axis of “Words in Trump’s Tweets” and “Number of Occurrences” respectively.
  + Create a suitable title for the entire graph.
  + Save the graph to a .jpg file named tweets.jpg.
* Place useful comments in your code so that you would remember your programming logic if you were to revisit this code later.

**What to Think About as You Write Your Program**

This assignment will ingrain the topics covered in this module into your brain. It basically steps through all the techniques covered in this module:

* Reading in and cleansing data from a text file.
* Summarizing data in histogram form using a dictionary to create frequency data.
* Plotting with matplotlib.
* Sorting lists.
* Possibly, using the in operator.
* Possibly, using conditional statements.