**Final Project Help**

Project goal

Create a *dictionary* with words and word frequencies that can be passed to the *generate\_from\_frequencies* function of the *WordCloud* class.

Once you have the dictionary, use this code to generate the *word cloud image*:

cloud = wordcloud.WordCloud()

cloud.generate\_from\_frequencies(frequencies)

cloud.to\_file("myfile.jpg")

**Things to remember**

* Before processing any text, *you need to remove all the punctuation marks*. To do this, you can go through each line of text, character-by-character, using the **isalpha()** method. This will check whether or not the character is a letter.
* To split a line of text into words, you can use the **split()** method.
* Before storing words in the frequency dictionary, check if they’re part of the "uninteresting" set of words (for example: "a", "the", "to", "if"). Make this set a parameter to your function so that you can change it if necessary.

**Input file**

For the input file, ***you need to provide a file*** that contains *text only*. For the text itself, you can copy and paste the contents of a website you like. Or you can use a site like [Project Gutenberg](https://www.gutenberg.org/) to find books that are available online. You could see what word clouds you can get from famous books, like a Shakespeare play or a novel by Jane Austen.

***Jupyter Notebooks Help***

Remember that if you need help with Jupyter Notebooks, you can check out [this help page](https://learner.coursera.help/hc/en-us/articles/360004995312-Solve-problems-with-Jupyter-Notebooks).

*Final Project: WordCloud*

For this project, you’ll create a “word cloud” from a text by writing a script. This script needs to process the text, remove punctuation, count the frequencies, and ignore uninteresting or irrelevant words.