

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:

```
1 cloud = wordcloud.WordCloud()  
2 cloud.generate_from_frequencies(frequencies)  
3 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](#) 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.

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