

Homework #23 Text files. Continued

Note:

Please, run your code before submitting. If you get an error, try to fix it before submitting your homework. If you get help from anyone, please, make sure that you actually understand the solution.

Tasks:

1. Repeat the first task from the previous homework. You will continue to work with the same text file.
2. Once again, open the file in Python. Make sure to implement proper error handling and use “with open” approach similar to what we did in class.
3. Using `collections.Counter`, find 50 most frequent words in the text. You can `Counter` in the following way:

```
from collections import Counter    #collections are already installed
count = Counter(your_dictionary)  #pass to Counter your frequency dict
count.most_common(top_entries)    #use .most_common to get the most
#frequent words
```

4. Create a list of 20 most frequent words that are 5 or more characters long. Write that list to a text file, using `.write()` method.

5. "Stopwords" are the words that are usually removed from text analysis (words such as "we", "for", "the", and so on). Use the "stopwords" list posted on Google Classroom to skip those words.

6. Create a new list of 20 most frequent words (any number of characters) which do NOT include the stopwords. Write the result to a new file using `.write()` method.