Lab Week 12 - Test 2

Skills Needed to complete this Lab (You may not use all of these skills)

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| --- |
| * Reading, writing files * Try except * Lists * Dictionaries * Sets |

## Word Count

In this Exam you will ask the user for a text file to read. You’ll want to read all the words and output a count of the words that are used the most. ( We’ll only be concerned with words that have a length greater than 3 )

* Don’t forget to remove any punctuation from the beginning and ending of the word. In the previous sentence word should be counted once. Not word followed by a period.
* Output the top 10 words that are used most. With the most frequently used words at the top. Exclude all words that are 3 characters or less.
* Output the number words that appear only once. ( How many words are only used once ) ( Only words more than 3 characters )
* Output how many unique words there are. ( Only words more than 3 characters )
* Recover gracefully from the user providing an invalid file.
* You may not finish it all, but work out as much as you can in an orderly manner. Plan your time efficiently

## Sample Output

>>>

Enter the name of the file to open invalid.txt

Could not open file invalid.txt

Please Try again

Enter the name of the file to open test.txt

Most frequently used words

# Word Freq.

=====================================

1 this 3

2 test 3

3 words 1

4 using 1

5 punctuation 1

6 multiple 1

7 lines 1

There are 5 words that occur only once

There are 7 unique words in the document

>>>

Second Run

>>>

Enter the name of the file to open declOfInd.txt

Most frequently used words

# Word Freq.

=====================================

1 their 20

2 them 15

3 that 13

4 these 13

5 have 11

6 people 10

7 which 10

8 with 9

9 laws 9

10 they 7

There are 374 words that occur only once

There are 488 unique words in the document