Algorithm for Summarization

1. Take inputs of *inputfilename percenttokeep commonwords ignoredwords*
2. Open the commonwords and read them into a list
   1. Close the file
3. Open the ignoredwords and read them into a list
   1. Close the file
4. Open the inputfile
   1. Create a dictionary (associative array) for sentences, and another for words
   2. Read the inputfile one sentence at a time
   3. For each sentence:
      1. Add the sentence to a dictionary
      2. For each word in the sentence
         1. Check if it’s in the commonwords list or the ignoredwords list
            1. If not:

check if the word is in the dictionary:

If so, increment its count by one

If not, add it to the dictionary with a count of one

* 1. Now again for each sentence:
     1. For each word in the sentence:
        1. Add the word’s score to the running total for the sentence
     2. Divide the running total for the sentence by the number of words in the sentence
     3. Create a new dictionary, and add in the sentence and its associated score