Program 1

Start Program

Input text document

Punctuation = ‘.’, ‘?’, ‘!’

token = startswith(capital letter or “ + capital letter) AND ends with (punctuation) or (punctuation + “)

Read at start of text

count = 0

LOOP

IF there is token available:

Add 1 to count

Keep reading through text

else:

print(‘Approximate Sentence Count in Text: ‘ + count)

End Program

**What the Program does**

* Takes document
* Looks for sentence by seeing if it starts with capital latter and ends with (., !, or ?) or in some special occasions any of the punctuations with a (“) because a token takes in the last word with the punctuation and the quotation mark. For the start of sentences it will take “ and the capital letter following.
* If a token is available, 1 will be added to the count indicating a sentence has been counted and the program will continue to move through the text looking for more tokens
* If the program fails to find a token, the program will print “Approximate Sentence Count in Text: ‘ along with the count

**Problems with Program**

* Program will not be able to differentiate a place with punctuation or a name with punction and the end of a sentence so the program will overcount the amount of sentences there actually are.
  + Ex. St. Louis or Dr. Edwards