Ex25 from terminal:

>>> import ex25

>>> sentence = "All good things come to those who wait."

>>> words = ex25.break\_words(sentence)

>>> words

['All', 'good', 'things', 'come', 'to', 'those', 'who', 'wait.']

>>> sorted\_words

Traceback (most recent call last):

  File "<stdin>", line 1, in <module>

NameError: name 'sorted\_words' is not defined

>>> sorted\_words=ex25.sort\_words(words)

>>> sorted\_words

['All', 'come', 'good', 'things', 'those', 'to', 'wait.', 'who']

>>> ex25.print\_first\_word(words)

All

>>> ex25.print\_last\_word(words)

wait.

>>> words

['good', 'things', 'come', 'to', 'those', 'who']

>>> ex25.print\_first\_word(sorted\_words)

All

>>> ex25.print\_last\_word(sorted\_words)

who

>>> sorted\_words

['come', 'good', 'things', 'those', 'to', 'wait.']

>>> sorted\_words = ex25.sort\_sentence(sentence)

>>> sorted\_words

['All', 'come', 'good', 'things', 'those', 'to', 'wait.', 'who']

>>> ex25.print\_first\_and\_last(sentence)

All

wait.

>>> ex25.print\_first\_and\_last\_sorted(sentence)

All

who

* Line 5 you import *your* ex25.py python file, just like other imports you have done. Notice you do not need to put the .py at the end to import it. When you do this you make a module that has all your functions in it to use.
* Line 6 you made a sentence to work with.
* Line 7 you use the ex25 module and call your first function ex25.break\_words. The . (dot, period) symbol is how you tell python, "Hey, inside ex25 there's a function called break\_words and I want to run it."
* Line 8 we just type words, and python will print out what's in that variable (line 9). It looks weird but this is a list which you will learn about later.
* Lines 10-11 we do the same thing with ex25.sort\_words to get a sorted sentence.
* Lines 13-16 we use ex25.print\_first\_word and ex25.print\_last\_word to get the first and last word printed out.
* Line 17 is interesting. I made a mistake and typed the words variable as wrods so python gave me an error on Lines 18-20.
* Line 21-22 is where we print the modified words list. Notice that since we printed the first and last one, those words are now missing.