DAT-119 – Python 1

Spring 2019

**Homework 11**

Write a script that gets a sentence input by the user and then uses a dictionary to summarize the number of occurrences of each letter. Ignore case, ignore blanks, and ignore punctuation. Display a two-column table of the letters (in alphabetical order) and their counts.

**To turn in:**

1. The code for this program, and
2. if you didn’t finish the in-class assignment, also turn in a completed version of that.

(It is not part of this assignment, but just as a reminder: you’re also bringing a partially-implemented project to class for discussion/testing with a colleague. We’ll have work time in class, too.)

**Example program outputs:**

Give me a sentence, and I'll count the letters: *A quick brown fox jumps over the lazy dog*

a: 2 b: 1

c: 1 d: 1

e: 2 f: 1

g: 1 h: 1

i: 1 j: 1

k: 1 l: 1

m: 1 n: 1

o: 4 p: 1

q: 1 r: 2

s: 1 t: 1

u: 2 v: 1

w: 1 x: 1

y: 1 z: 1

Give me a sentence, and I'll count the letters: *Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.*

a: 7 b: 1

c: 4 d: 8

e: 11 g: 2

i: 11 l: 6

m: 6 n: 5

o: 10 p: 3

q: 1 r: 6

s: 6 t: 9

u: 6