

## 2017-09-19 Lab

This lab is essentially a worksheet to help you practice loops. All the functions you will write are copies of functions in the Python standard library, but **you are not allowed to use those functions**. This is so that you can accomplish the goals of this lab:

- gain experience with loops, and
- gain familiarity with existing loop functions, but most importantly
- learn to do without those same functions

The exercises below are listed roughly in increasing difficulty. Again, unless you have written your own version, **you are not allowed to use the Python library functions**, with the exception of `append()` and `len()`. Do not use a `for` loop, which we will cover tomorrow.

Note: Although there are ten questions below, **you will only be graded on the first eight**. Feel free to attempt the last two if you are done early. If you finish those as well, come talk to me.

1. `my_sum` is our version of the [sum function](#).
2. `my_count` is our version of the [count method](#).
3. `my_max` is our version of the [max function](#).
4. `my_any` is our version of the [any function](#).
5. `my_all` is our version of the [all function](#).
6. `my_min` is our version of the [min function](#).
7. `my_index_1` is our version of the [one-argument version of the index method](#).
8. `my_reversed` is our version of the [reversed function](#).
9. `my_enumerate` is our version of the [enumerate function](#).
10. `my_zip_beginner` is our version of a [two-argument version of the zip function](#).

When you are done, please fill out the [peer evaluation](#).