# Searching and Sorting, Part 2

November 15, 2023

# Administrative notes

Project 2 due next Monday night

Look for more videos later this week.

# Part 2 of our lecture

Follows up on what we described Monday

November_15_coding.py in the “code_samples” repo on the class GitHub repo contains the code I’ll work from in this lecture

I have implemented bubble sort and selection sort using iterative versions of the algorithms. I will count:

- The number of comparisons required to sort a list
- The number of swaps required to sort a list
- The amount of time (in seconds) it took my computer to sort that list

I have implemented quicksort using a recursive version of the algorithm. I will count:

- The number of comparisons required to sort a list
- The number of times the function was called recursively