Outline for November 28, 2023

Reading: none

Assignments: Homework 4, due November 29, 2023 Homework 5/Project, December 15, 2023

- 1. Searching
 - (a) Search unordered list [linsearch-u.py]
 - (b) Search ordered list, naive way [linsearch-o.py]
 - (c) Search ordered list, smarter way [binsearch-1.py]
 - (d) Recursive [binsearch-2.py]
 - i. Base case: high < low, return failure; word is list[mid], return mid
 - ii. Recursive part: if word < list[mid], search word[low.mid-1]; if word > list[mid], search word[mid+1..high]