Day 39 Highlights

1. Reminders
   1. Final exam on April 30 (Tuesday), 11:30am-2pm in this classroom. Three tracing and three coding. Same rules. 60+90 points. 40+110 minutes.
   2. Send an email if we have an agreement on an excused quiz/exam.
2. Summary

* Sequence / Selection / Iteration
* Arrays / Structures including linked lists
* Functions including recursive functions
* Simple statement: assignment (variable, constants, operators, expression), basic I/O, continue, break, return
* Simple data types: char, int, double, pointer
* Complex statement: if or for/while
* Complex data type: Person

1. Basic functions

* Find count, max, min, sum/avg
* Read from a file and write into a file
* Loop and selection
* Nested loops
* Functions
* Insert, removal and traversal operations of a linked list
* Recursive functions (integers, strings, linked lists and arrays)

1. Tracing