

Outline for February 11

Reading: *text*, §10

Assignments: Homework 3, due on February 15 at 11:55pm

1. More recursion
 - a. Nested lists: is an item in a list? [*isinlist.py*]
 - b. Fibonacci numbers [*rfib.py*]
 - c. Tower of Hanoi [*hanoi.py*]
2. Searching a list
 - a. Example use: linear search [*linsearch.py*]
 - b. Example use: recursive linear search [*rlinsearch.py*]
3. Speed: compare iterative and recursive Fibonacci programs [*timefibs.py*]