

Outline for May 22, 2009

Reading: §13.1

1. Searching
 - a. What is it
 - b. Why it is an important problem
2. Linear search
 - a. Look at each element
 - b. Unordered list: as good as any (see search-1.py)
 - c. Ordered list: go until you pass where the value would be (see search-2.py)
3. Binary search
 - a. Ordered list only: how it works
 - b. Example (see search-3.py)
4. Comparison (see search-1c.py, search-2c.py, search-3c.py)