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)