Outline for March 5, 2012

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