Questions for TA

* How important are Chernoffs bounds?
* For questions regarding the definition of asymptotic analysis notation, should we simply provide values for c and n0, or extreme ranges? How important is this?

Recommendations from TA

* Chapter 1
  + Little o has to hold for all constants C, but one constant n0
* Chapter 10
* Chapter 11
* Chapter 12
* Red Black Trees
* Homework 5
* Sorting Algorithm
  + Merge Sort
    - O(nlogn)
  + Radix sort (quickest sorting algorithm)
    - Only useful on integers
  + Bucket sort
* Algorithm Assumptions are important
* Masters theorem
  + Know when to use it
  + Otherwise, use iterative substitution method
* Data structure
  + Know methods and time complexity
* Cite theorems for mathematical proofs to save time
* Exam details
  + 3 hours
  + 7-12 questions