Lecture Outline (CS 303, Dong Xu, 4/7/04)

• Things to start…
  – Questions?
  – Discussion on the quiz

• Red-black tree
  – Review on rotations
  – Insertion
    • RB-INSERT
    • RB-INSERT-FIXUP
    • Loop invariant
    • Computing time
• Reading
  – Chapter 13.3

• Homework
  – Ex. 13.3-1, 13.3-2, 13.3-3, 13.3-4, 13.3-5