

**Today:** Red-Black trees. § 19.5.

**Next class:** Homework 2.1 due; B-trees; disk data structures. § 19.8.

**Reminders:** Newsgroup is required reading (and writing); use to advantage.

1. List the members of your group below. Underline your name.
  
2. Depict the *bottom-up red-black tree* resulting from the sequential insertion of  $1, 2, 3, \dots, 10, 20, 19, \dots, 11$  into an empty tree. All intermediate trees need not be depicted, but it is advisable to depict at least a few.

3. Repeat Question 2 for a top-down red-black tree.