Today’s topics: Red-black trees. § 19.5.
Next class: Quiz; sorting §§ 8.1–8.3. Reminder: Read material before and after class.

1. List the members of your group below. Underline your name.

2. Describe, in your own words, the essence of the bottom-up insertion algorithm for red-black trees (approx. 100 words). Depict the red-black tree resulting from the sequential insertion of

1, 2, 3, . . . , 10, 20, 19, . . . , 11

into an empty tree, using bottom-up insertion. All intermediate trees need not be depicted, but it is advisable to depict at least a few.
3. Repeat Question 2 for *top-down insertion.*
[additional space for answering the earlier question]