

Today: Red-Black trees. § 19.5.

Next class: AA trees. § 19.6. Reminders: Homework. Read material *before and after* class. Read code carefully.

1. Write your group identifier (e.g., C3) and its members' names below. Underline your name.

2. Depict the *bottom-up red-black tree* resulting from the sequential insertion of 11, 12, 13, ..., 20, 10, 9, 8, ..., 1 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.