

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