

Today: Red-Black trees. § 19.5.

Next class: HW02 due; AA trees. § 19.6.

1. Write your group members' names 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.