

Today: skew heap; §§23.{1,2}.

Next class: HW04 part 2 due; pairing heap; §§23.*.

Reminders: Midterm exam 2 next week. Read material *before and after* class.

1. Write your group members' names below. Underline your name.

2. Use merge-based insertions, insert the keys, $1, 2, \dots, 10$ into an initially empty skew heap. Then perform three merge-based deleteMin operations. Depict the state of the tree after each operation.

3. Provide a sequence of skew-heap operations that yields the following trees when applied to an empty heap, and depict the action of the operations, or explain why no such sequence is possible.

