2. (7 pts) It's time to practice heaps!

    a. Insert the following numbers, one at a time, into an initially empty binary **min**-heap: 11,

        17, 3, 9, 5, 6, 14, 2, 13, 8, 1. Draw the min-heap **after each insertion**.

        Reminder: the value of each node in a min-heap is not greater than its children's values.

    b. Remove the min (root node) from the heap. Draw the resulting heap.

    c. Remove the min from the heap *once again*. Draw the resulting heap.