Next class: Sorting. §§ 8.*.

1. List the members of your group below. Underline your name.

2. Depict the action of insertion sort on the following array. Assuming a typical nested-loop implementation, depict the state of the array after each iteration of the outer loop.

   49, 38, 9, 27, 39, 54, 8, 1, 3, 76

3. Repeat Question 2 for selection sort.
4. Depict the *AA-tree* resulting from the sequential insertion of

\[1, 2, 3, \ldots, 10, 20, 19, \ldots, 11\]

into an empty tree. Depict all intermediate trees. Clearly label any restructuring operations used.