Today’s topics: Merge-sort and quick-sort. §§ 8.5, 8.6.
Next class: Binary heaps. §§ 19.*.

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

2. Depict the action of 2-way merge-sort on the following array. Clearly indicate all recursive mergesort and merge invocations, and the arguments and return values of all invocations.

37 90 35 88 49 55 13 50 26 73 31 51 99 46 90 13 27 84
3. Repeat Question 2 using a 3-way merge-sort.
4. Repeat Question 2 using quick-sort, using the median-of-three strategy for pivot-selection.
[additional space for answering the earlier question]