Exercise 1. (page 225) 11

Exercise 2. (page 237) 5.5 (argue why the complexity of your solution will be $O(n \log n)$)

Exercise 3. Show how quicksort sorts the array (51, 40, 31, 28, 17, 15, 14, 3). Show all the intermediate steps (i.e. the partially sorted arrays) until the array is completely sorted.