CS / MCS 401 Week #7 Exercises (Fall 2007)

Exercise 8.1-1

Exercise 8.1-3

Exercise K. Illustrate the process of partitioning the array

      36 83 75 48 14 71 64 22 91 69 58 88 72

using the "one-sided" partitioning algorithm on page 146 of the textbook. See Figure 7.1.

Exercise L. Illustrate the operation of the partitioning algorithm presented in class (see quicksort handout) to partition the array

      36 83 75 48 14 71 64 22 91 69 58 88 72

using the middle element (64) as the pivot element.