Modify the **quicksort** algorithm such that it uses the last item as the pivot instead of the 1st. Also, sort in **descending order,** instead of ascending order.

NOTE: Do not move the last element into the first element of the array. You must treat the algorithm as if the pivot is actually sitting in the last location of the array.

After it has been sorted in descending order, go through all the items in the array and make sure that they all have the same number of digits as the largest element in the array by adding additional 5’s to the end of the numbers. For example, given the following sorted array:

324, 46, 6

After adding the additional digits, the array will look like the following:

324, 465, 655

Then sort the new array using **radix sort** in **descending order.**

**Read the original data elements from a file. The elements in the file will be separated by some kind of white space, just like before. The number of elements will not exceed 10.**