CSE100 Algorithm Design and Analysis Last update: 6pm, 2/6/2017

Last update: 6pm, 2/6/2017 Deadline: 11:59pm, 3/1/2017

Lab 04-2, Spring 2017

Quick-Sort

Description In this lab assignment (lab 04-2), your job is to implement quick-sort. This is the second half of lab 04 and is worth 50 points.

Input structure The input starts with an integer number which indicates the number of elements (integers) to be sorted, n. Then, the elements follow, one per line.

Output the elements in non-decreasing order. Each element must be followed by ;. At the end, add 'enter.'

Examples of input and output:

Input 6 5 3 2 1 6 4 Output 1;2;3;4;5;6;

Note that the output has only one line and has no white characters. See the lab guidelines for submission/grading, etc., which can be found in Files/Labs.