

PL07

Due Mar 7, 2019 by 3pm **Points** 10 **Submitting** a file upload **File Types** zip
Available Mar 5, 2019 at 3pm - Mar 7, 2019 at 3pm 2 days

This assignment was locked Mar 7, 2019 at 3pm.

Study Chapter 9 "Faster Sorting Methods".

Enter at least one interview question into the bank of "Interview Questions" on Bb - use your alias instead of your name. Find a question on the internet that pertains to any topic that we studied in this class.

IN PREPARATION FOR THE LAB:

- In a text file provide answers to the following exercises from the textbook on page 288:
 - Exercise 1
 - Exercise 2
 - Exercise 5
 - Exercise 6 (use space as a neutral character)
- Open `Lab07.zip` file. Inside appropriate `.java` file:
 - based on the description of project#1 write an algorithm is pseudocode for the recursive kth element that will be implemented in the lab
 - based on the description of project#3 write an algorithm in pseudocode for the binary radix sort that will be implemented in the lab.
 - based on the description of project#4 write a recursive algorithm for finding nine indexes in an array that has more than forty elements, that are about equally spaced, including **first**, **middle** and **last** index. In the lab You will implement a private helper method utilizing this algorithm, to be used by improved quick sort.