INFSCI 2500

Homework 5

The assignment is to write a java program which implements the quickSort3 algorithm within the Sorting.java class.

QuickSort3 is similar to the quickSort algorithm discussed in class only instead of dividing the array in two each time, the algorithm divides the array in three.

Include the following:

1. Method which takes in an integer array unsorted and sorts it using quickSort3.
2. Output the sorted array.
3. Well commented code

Submit the following:

1. The java source file.
2. A pdf readme file which includes the output you got from your program.

Zip these items together and name it “HW5\_Your\_Name”. Then submit it on courseweb.

Grading:

3 points: Submitting the source file and pdf with output, file compiles and runs without error

3 points: Implementing the quickSort3 algorithm successfully.

This assignment is due November 28 at 5:59 PM. Late submissions will not be accepted!