INFSCI 2500

Homework 5

The assignment is to write a java program which implements the radix sort algorithm. Complete the method int[] radixSort(int[] input) in the file Radix.java

In base-10 the way to find the number of digits in a number is: d=floor(log10(number))+1.

Include the following:

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

Submit the following:

1. The java source file “Radix.java”.

Zip this file and name it “HW5\_Your\_Name”. Then submit it on Canvas.

Grading:

5 points: Submitting the source file which compiles and runs without error.

5 points: Radix sort implemented correctly.

This assignment is due November 13 at 6 PM. Late submissions will not be accepted!