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.
2. A pdf readme file which includes the output you got from your program.

Zip these items together and name it “HW5\_Your\_Name”. Submit it on canvas.

Grading:

2 points: Submitting the source file and pdf with output, and it compiles and runs.

4 points: Radix sort implemented correctly.

This assignment is due November 15 at 6 PM. Late submissions will not be accepted!