CS 2003 Fundamentals of Algorithms and Computer Applications

Implement the Radix Sort algorithm using multiple queues

In this lab you will write a program in Java using queues to implement the Radix Sort algorithm. A skeleton of the code is provided in the `RadixSort.java` file in the `~class_sandip/2003` directory. Your assignment is to complete the code for the *radix* method. Print out the contents of the *pockets* queue (one number per line, right-aligned) after each pass of the radix sort algorithm. For the input data in the file radix.dat, there will be 5 such passes. You will also require the classes related to the QueueReferenceBased class.

Submission: Submit only the file RadixSort.java via Harvey.

This assignment must be your own work and you should include your name and student ID in the submissions.