CS 385, Lab: CountingSort, RadixSort

Na	me: Date:
Ple	edge:
1)	Consider an array containing the following 40 integers:
	5244016731105154457061075276537055711265
	How many counters does CountingSort need to sort this array:
	Give the value of each counter after the array of counters has been fully initialized:
2)	Consider an array containing the following 32-bit integers (written as hexadecimal values to save space): 4EC1EEA9 520B6E78 1E90D74E 52DB6E42 5F05EF13 74284442 794E8117 55526E42
	Imagine you are using a version of RadiySort that sorts on one byte at a time (so two heyadecimal

Imagine you are using a version of RadixSort that sorts on one byte at a time (so two hexadecimal digits) using a stable version of CountingSort. Write the content of the array (vertically, as above) after each of the four runs of CountingSort: