

Lab 3: Array Functions pt1

int sum(int[] a); // Returns the sum of all elements in a.

int countZero(int[] a); // Returns the number of times 0 appears in a.

int countPositive(int[] a); // Returns the number of positives in a.

int countNegative(int[] a); // Returns the number of negatives in a.

void printArray(int[] a); // Prints array a with {}'s, and commas. Ex,
"{1, 2, 3}"

String arrayToString(int[] a); // Returns a String representation of a. Ex,
"{1, 2, 3}"

int[] copy(int[] a); // Returns a copy of a.

int[] bigger(int[] a); // Returns a with an extra spot at the end, value 0.

int[] smaller(int[] a); // Returns a with the last spot cut off.

int[] splitDigits(int a); // Returns an array with a single digit in each spot.
Assume the int a is positive. EX:123 => {1,2,3}