Project 4 Report

1. Only real obstacle I had was trying to fix whatever was wrong with my first function, hasDuplicates. I kept getting an error claiming I was calling something that didn’t exist, but after fiddling with it I realized I was missing a “const” in the definition that I had in the declaration. After fixing this, there were no issues.
2. I tested most of my data with the array:

myArray[] = {“Hello”, “Hello”, “Helln”, “Hellm”, “Helll”};

This worked for: hasDuplicates(myArray, 5), returns 0 for countAllDigits(myArray, 5), False for isInDecreasingOrder(myArray, 5) but is true if I made the first o into a p, shiftRight(myArray, 5, 2, “Yo”) which I used a for loop to return the array as Yo Yo Hello Hello Helln, find(myArray, 5, “Helln”), and replaceAllCharacters(myArray, 5, H, P). I was also able to test by plugging in negative numbers for size, which returns either -1 for integers or false for Booleans. Through these tests, I was able to become confident that my functions could handle the arrays thrown at them.