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**Homework 1**

**Overview**

This is a simple program that outputs a string. The string is a greeting message that includes the name of a student. The name of the student is a defined constant that can be changed at any time. It requires a buffer, snprintf() which writes a string to the buffer, and the write() system call which outputs the buffer. On success, it will print out the message “Hello 415, I am <name>!” where <name> is the defined constant that contains the student’s name.

**Testing**

For testing, I changed the defined constant to another person’s name and recalculated the total number of bytes being used so I knew how many bytes to enter for the third argument in the write() system call. I also entered in less bytes than I needed to for the write() system call just to see if it would cut the string that I passed into the buffer short, which it did.

