ACMS 20210 Assignment 1

Due: 11:59 PM on Sunday, February 5, 2017

Submit the C++ programs below using Sakai. If you are compiling from the command line on the CRC or another Linux system, I suggest using the command

```
g++ your_program_name.cpp -std=c++1y -o your_executable_name
```

This tells the compiler (called g++) to compile your .cpp source file into an executable file. To run this file from the command line, type

```
./your_executable_name
```

If you do not yet know how to use the CRC and do not have a compiler on your local machine, I suggest using the website *cpp.sh* to test your code (be sure to save a copy on your local machine, though!). You must submit your code in three separate .cpp files.

1. Modify the broken code in the file "hw_01_broken_code.cpp" on Sakai so that it compiles **and** produces nice looking output. You should look for things like missing #include, missing quotes or semicolons, lack of types specified, etc.

2. Write a program that requests the user to input two integers, a and b, which then prints their sum and product (with appropriate messages to the user telling them which quantities are being printed).

3. Write a program for Ch. 3, exercise 11, but ignore the paragraph beginning "make some improvements." (We will cover the material necessary to do that part of the exercise in the coming week, but you do not have to do it for this assignment.) You should use variable names that are descriptive of the quantities being stored. For example, instead of using p for the number of pennies, use a name like num_pennies.