This assignment will involve using `while` loops to accomplish a mathematical operation.

In this assignment, you will ask a user for an integer then print out the sum of all integers from 0 to that integer. The program will only stop when the user enters 0 and you may assume that no negative integers will be entered. Hint: you will need to nest your `while` loops (put one inside of the other). See example execution below. Submit on bobby with assignment code 04.

```
[williams@bobby 4]$ g++ -Wall -Wpedantic -Wextra -Werror -std=c++11 a4.cpp
[williams@bobby 4]$ ./a.out
Enter an integer: 5
The sum from 0 to 5 is 15
Enter an integer: 20
The sum from 0 to 20 is 210
Enter an integer: 1
The sum from 0 to 1 is 1
Enter an integer: 0
Goodbye!
[williams@bobby 4]$
```