

# Assignment 6

## Reading

Read Lesson 6 in Blackboard

Read this simple introduction to the increment and decrement operators:

[http://www.tutorialspoint.com/cplusplus/cpp\\_increment\\_decrement\\_operators.htm](http://www.tutorialspoint.com/cplusplus/cpp_increment_decrement_operators.htm)

Read pages 267-290 (while loop)

Pay special attention to the examples, as they provide you with good models of coding and usage.

## Questions

- 1) Using a while loop, how can you write a program that loops forever (infinite loop), printing the letter "a" ?
- 2) Write a while loop that prints in a column the sequence of 10 integers starting with 7 such that the each number is obtained from the previous one by adding 3 to it.
- 3) You are writing a program that will display names (first and last) in a column. The maximum size you are allowing for each full name is 30 characters per line. Assuming your program has a variable called *theName*, of type string, write the output statement needed to display the name right justified within the 30 spaces reserved. NOTE: You don't know the actual name to display. That is, the statement should work with any name.

## ]C++ Program

Write a program that adds the positive odd numbers you enter from the keyboard while ignoring the even numbers, and stops when a negative number or zero are entered.

Display the sum of the accepted odd numbers.