Dynamic Sequence Project  
CS 2420

## Instructor: Todd Peterson

You may **not** usethe standard **template** library for this or any other project this semester unless specifically mentioned in the instructions -- Even though the book does.

**Disclaimer: Please include the following disclaimer at the top of each of your ‘.h’ files.**I <name> have not used **any** code other than my own (or that in the textbook) for this project. I also have not used any function or data-structure from the Standard-**Template** Library. The standard library for C++ is fine. I also have not shared my code with any student in this class. I understand that any violation of this disclaimer will result in a 0 for the project.

Purpose: Introductory lab. Focused on

* Dynamic Classes
* Pointers and dynamic memory
* Operator Overloading
* The Big three
  + Copy constructor
  + Destructors
  + Assignment operators
* Internal Iterators

Turn in: all code files and an executable

* Sequence\_test2.cpp
* Sequence2.h
* Sequence2.cpp
* **Windows** Executable

**Or**

* A visual studio C++ project. (preferred)

**Instructions:**Complete the implementation of all of the functions in the header file. Use the sequence \_test2.cpp to test your sequence. You will be graded on how well the program performs according to the specifications given in the header file. Do not do **more** or **less** than this.