COSC 1437.S01

PROGRAM TWO

**Program Requirements:**

Modify Program One to add the following:

1. Assignment operator (“=”).
2. Comparison operators (“<”, “<=”, “==”, “!=”, “>=”, “>”)
3. Concatenation operator (“&”).
4. Concatenation and assignment operator (“&=”)
5. Input operator (“>>”).
6. Output operator (“<<”).

Above items 1 through 4 should have versions that work with a String object and a “C” type string on the right of the operator.

Items 5 and 6 require a String object to the right of the operator.

Items 1 and 4 will require a String object on the left of the operator.

Items 2 and 3 should have versions that allow both a String operator and a “C” type string on the left of the operator.

Item 3 does not modify the object to the left of the operator.

**To Turn In:**

1) A printed listing of the class and all associated functions.

2) A printed listing of your test program used in your testing.

3) A printed listing of the output of your test program.

4) A copy of the files in the project folder as created by Visual Studio. These may be “zipped” placed on a 3 ½ inch floppy, a CD, or emailed to the instructor with the subject line “COSC 1437.S01 – Lab 2”.

**Date Due:** 15 February 2011