

**COSC 2336.S70  
PROGRAM TWO**

**ASSIGNMENT:**

Create a program, which will perform the following actions:

1. Create a queue derived from the UBArrary used in Program One.
  - a) Each data element of each node will consist of a string object either from the STL (Standard Template Library) or from the String definition in the 2336 directory.
2. Two functions must be created:
  - a) Queue - to place a new node on the tail of the list.
  - b) DeQueue - to remove a node from the head of the list.
3. Your test program should accept three commands to be given from the keyboard:
  - a) Q string - where string is replaced by a string typed on the keyboard. This command will cause the typed string to be queued to the list.
  - b) D - This command will cause the head string to be removed from the list and printed.
  - c) X - Terminates the program.

**TURN IN:**

- 1) A printed listing of all of the .cpp and header files that your created.
- 2) 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 2336.S70 – Lab 2”.

**DUE:** 20 February 2013