**Data Structures and Algorithms II**

**User's Manual - Project 5**

**Setup and Compilation**

1. Download and unzip the submission from eLearning on a Linux box in the multi-platform lab.

2. The submission includes:

* main.cpp
* table.cpp
* table.hpp
* Project5 - UserManual.docx (this file)
* UML.jpg
* twoStrings.txt
* multiStrings.txt

3. Environment: This program has been tested in the multi-platform lab and will run there.

4. Compiling. This program includes a Makefile. At the command line in Linux, type make main. The program produces an executable entitled main

**Running the program.** Be sure all files are in the same directory as the executable. Issue the command ./main No command line arguments are required or checked.

User input: no user interaction with the program is required.

**Output:** All output goes to the console. Output will be similar to this:

LCS between two Strings:

adfdsasdfsdssasadsfsfsdsfadsfsdassdsfasdsdasdfdsasdfdsadfdsasdfd…

asdfsadfdsasdfsdssaasdfdsasdsddsasdfsdfdsasdfsdssaasdfdsdsfasdsddsasdfsadfdsasdfsdssaasdfd

LCS Length: 794

MultiString Table:

1 2 3 4 5 6 7 8

1 - D D D L D M D

2 - - D D D D D H

3 - - - M D M D D

4 - - - - D H D D

5 - - - - - D M D

6 - - - - - - D D

7 - - - - - - - D

8 - - - - - - - -