Omar Garcia

Data Structures and Algorithms II

Project 5

User’s Manual

Setup and Compilation

1. Download and unzip the submission from eLearning on a Linux box in the multi-platform lab.
2. The submission includes:
   1. LCS.c
   2. multiSequences.c
   3. twoSequences.c
   4. multipleSequences.txt
   5. twoSequences.txt
   6. USER\_MANUAL
   7. Functional\_Decomposition.txt
   8. Makefile
3. Environment: The program has been tested in the multiplatform lab and Ubuntu Bash. The program runs in both.
4. 4. Compiling: This program contains a makefile. In command line, run the command “make -f makefile”. The program will have the name LCS.

Running the program. Be sure that multipleSequences.txt and twoSequences.txt is in the same directory as the source files.

User Input:

User is can change any of the txt to test various sequences

Output: All outputs will go to the console

Example:

Part : 1

Line 1 : Kermit the frog here

Line 2 : I can't stand the frog from the muppets

LCS : t the frog hee

Part : 2 ….

Line 1 : M = medium similarity between the strings

Line 2 : yxyxyxyxyxyxyx

Dissimilar

Line 1 : xxxxxyyyyyxxx

Line 2 : yxyxyxyxyxyxyx

Low similar

- D D D D D D D

- - D D D D D D

- - - M D D D D

- - - - D D D D

- - - - - H D D

- - - - - - D D

- - - - - - - L