**Benjamin Linam**

**Data Structures and Algorithms II**

**Project 1**

**Functional Decomposition**

**Setup and Compilation**

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

* UNIXcommands.c
* functions.c
* prototypes.h
* definitions.h
* FunctionalDecomposition.txt
* commands.txt
* Makefile.txt
* UsersManual.docx

1. Environment: This program was designed and tested on Eclipse and will for sure run by using it. It has not been tested in the multi-platform lab.
2. This program includes a Makefile. At the command line in Linux, type make. The program produces an executable entitled UNIXcommands.

**Running the program**

Be sure commands.txt is in the same directory as the executable. Issue the command ./UNIXcommands. No command line arguments are required. If running it with Eclipse, make sure all files are saved into the same directory and Ecplise recognizes the directory as a project folder.

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

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

$ pwd

linam/root/

$ mkdir abc

abc

$ cd abc

linam/root/abc/

$ addf f3

$ addf f2

$ addf f1