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**Data Structures and Algorithms II**

**Project 1**

**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:
   * node.cpp
   * filesystem.cpp
   * terminal.cpp
   * main.cpp
   * Header files for the above .cpp files
   * commands.txt (the input file for commands)
   * UsersManual1.docx (this file)
3. Environment: This program has been tested in the multi-platform lab and will run there.

1. Compiling. This program includes a ***Makefile***. At the command line in Linux, type ***make***. The program produces an executable entitled ***main***, which can be run from the command line.

**Running the program**. Be sure ***commands.txt*** is in the same directory as the executable. Issue the command. ***commands.txt*** Will automatically input commands for the user upon running your main executable.

User input: No user interaction with the program is required. The program will automatically pull input from the ***commands.txt*** until it reaches the end of the input file.

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

$ ls

$ pwd

coffey/root/

$ mkdir adir

adir

$ ls

D adir

$ cd adir

coffey/root/adir/

$ addf f1

f1