

**Cesar Santiago**  
**Programming Languages COP4020**  
**Project 1**  
**User's Manual**

**Setup and Compilation**

1. Download and unzip the submission from eLearning.
2. The submission includes:
  - a. Code
    - i. mainfile.c
    - ii. table.c
    - iii. core.h
    - iv. table.h
  - b. UsersManual.docx (this file)
  - c. Makefile
  - d. p1.sh
  - e. Legal and Illegal files
3. Environment: This program was acceptance tested on Linux Ubuntu and the Linux cs-ssh.uwf.edu server.

**Running the program**

The submission comes with one shell file that must be run on the Linux platform with the command `./p1.sh`. The shell should function properly if 1) bash is installed in the form of `/bin/bash/`. 2) make is a command available to run a Makefile. No other inputs are necessary.

**Output**

The output consists of text on the shell that it was run in. This output consists of eight different expected outputs from the program Project1. These separate outputs consist of a file that is read and parsed through to obtain correct syntax, then whether the parsed file is legal within the boundaries set or illegal.