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Programming Languages COP4020
Project 2
User's Manual

Setup and Compilation

1. Download and unzip the submission from eLearning.
2. The submission includes:
 - a. Code
 - i. Mainfile.c
 - ii. LexicalAnalyzer.c
 - iii. table.c
 - iv. core.h
 - v. table.h
 - b. UsersManual.docx (this file)
 - c. Makefile
 - d. p2.sh
 - i. p2_1.sh
 - ii. p2_2.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 `./p2.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 Project2. 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. It should also output a file with code that resembles a compiled assembly code that belongs to the code that is input.