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Programming Languages  
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:

* errorList.c
* errorList.h
* lexicalAnalyzer.c
* lexicalAnalyzer.h
* linkedList.c
* linkedList.h
* main.c
* makefile
* parser.c
* parser.h
* prog1legal.txt
* prog1Illegal.txt
* prog2legal.txt
* prog2Illegal.txt
* prog3legal.txt
* prog3Illegal.txt
* prog4legal.txt
* prog4Illegal.txt
* run
* FunctionalDecomposition.docx
* UsersManual.docx
* simpleProgramParser

3. Environment: This program has been tested in the multi-platform lab and will run there.

4. Compiling. This step not necessary as the script to run the program will compile it. If desired, however, this program includes a Makefile. At the command line in Linux, type “make”. The program produces an executable entitled “run”.

**Running the program.** Be sure that no files have been moved from the given folder. The script is called “simpleProgramParser”. Execute the command “./simpleProgramParser” to compile and run the program for all four text files. No command line arguments are required for the script, nor are they checked.

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

**Output:** All output goes to the console.