# Steps to run the tiny PL/0 compiler

* Step 1:
  + From the Command Prompt/Terminal, navigate into the Main Driver directory
* Step 2:
  + gcc main.c
* Step 3:
  + If using Windows OS run “a.exe” and the path to your input file
  + If using Linux OS run “./a.out” and the path to your input file
  + If using Mac OS run “~/a.out” and the path to your input file
  + Example: a.exe "..\Test Cases\For All\Inputs\input1.txt"
    - NOTE: If your input file is in another area outside of the root folder, you may specify the full path to it.
      * a.exe “C:\Users\Abdool\Desktop\System-Softwares--Creating-a-Compiler\Test Cases\For All\Inputs\input1.txt”
* Step 4:
  + You should now be able to see the source code, the lexeme table, the lexeme list, any error messages, the PL/0 assembly code, and the data stack all being outputted onto the console screen.
* Step 5:
  + A test file, revealing all my possible error codes being hit can be found in my root folder named “testCases.txt”
* Step 6:
  + Enjoy!