

## Activity #5

### Part 1: Unix

1. (U 8.10 #6) Write the steps that a C or C++ compiler performs on a source program in order to produce an executable file. State the purpose of each step.
2. What is the version of gcc installed on the computer you are using? What is the command you used to find out?

### Part 2: C (complete one)

3. (K&R 7-6) Write a program to compare two files, printing the first line where they differ. The two file names should be command line parameters to your program.
4. Write a function `long int getInteger()` which reads input from stdin converts it to a long integer. If invalid input is entered return 0 and write a message to stderr.