

Learning Experience:

There were several things about this assignment that made me stop and think about my programming practices. First, I had to rethink the way I thought about backwards compatibility, as the primitive compiler on the openBSD was much stricter and somewhat confusing than the compilers I use normally. Secondly, but related to the first point, I had to go back a few steps and learn how to debug code with an unfamiliar error. The errors generated had very minimal descriptions, so figuring that out was a challenging thing to do. Additionally, reading a man page and trying to make the code work in the way I want it is also not very easy. Although I was able to make progress in how man pages were to be used, and learn how to pick out the important points to consider that are relevant to what I want, it still remains a struggle until mastery is achieved.

Fortunately, I was exposed to Linux shells before, and navigation/using commands from the terminal was not as tasking as would have been for a first timer - as the interface and commands are similar to that of most Linux. Yet, I still learned a few additional ways of doing things.

I have been so used to using editors that had a nice GUI with lots of shortcuts and multiple functionality, that going back to a basic text editor to write code made things a little rockier. Yet, it was a nice reminder of how I relied on these fancy text editors to do some of the repetitive work for me, that I sometimes forget the basics. This experience allowed me to go back to the basics of almost every aspect of programming that I had not given much thought to in the last few semesters.

Suggestion:

N/A

On my honor, I have neither given nor received unauthorized aid in doing this assignment.



PROGRAM INFORMATION

Q - Does the program compile without errors?

A - The program compiles without errors on the openBSD VM provided. It was not tested on other compilers or other OS.

Q - Does the program compile without warnings?

A - Yes, no warnings are generated during compilation.

Q - Does the program run without crashing?

A - During the several test runs performed, the program has never crashed, and isn't expect to either in future runs.

Q - Describe how you tested the program.

A - I tested the program by running it several times with the specifications provided, and with some additional print statements included for debugging purposes as well as seeing if the program was carrying out the sequence of steps in the way it was intended.

Q - Describe the ways in which the program does not meet assignment's specifications.

A - The program meets all of the assignment's specifications.

Q - Describe all known and suspected bugs.

A - There are no known or suspected bugs in the program, in the current condition.

Q - Does the program run correctly?

A - The program does run correctly, as every run generated a correct output, and the execution patter reflected what was expected of the program.