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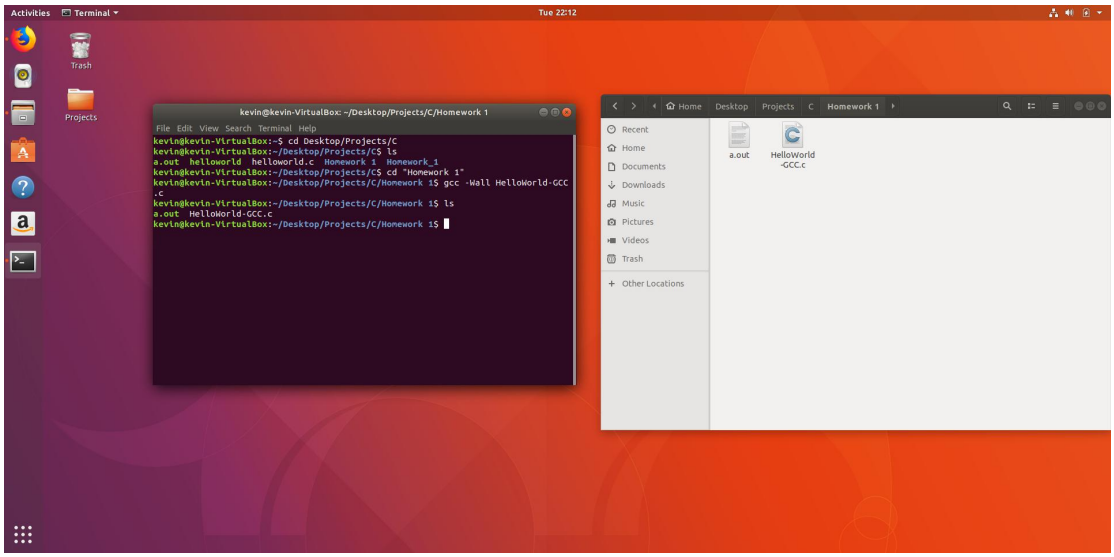
CSC 415
1/30/18

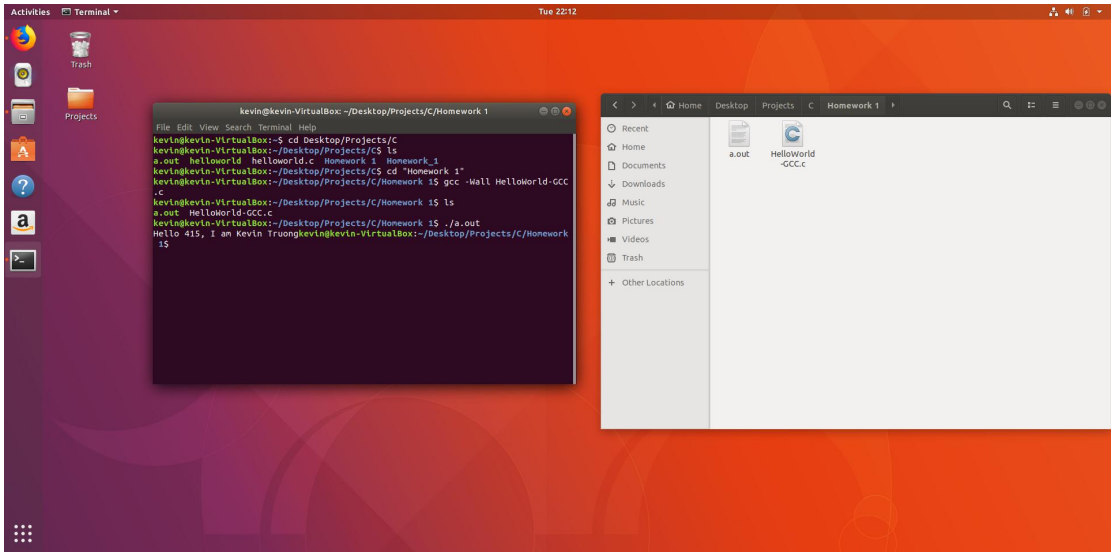
Homework #1 Write-up
"Hello World"

This is the first project I have done in which I had to install a distribution of Linux in order to compile correctly. I had to read the man pages for POSIX and then read the man pages for both sprintf() and write() to understand how each of those functions worked out. I also had to install the GCC compiler or else I couldn't compile the source file in the first place. I installed ATOM and netbeans on my VM, but ran into a couple of snags. When writing the source code in ATOM, I was wondering why the compilation and execution was returning random junk. I will have to give ATOM another chance or look for another IDE. Netbeans freezes while I was using it.

In the end, I ended up using gedit to write the source code and compiled it in GCC. This is the compilation screen shot:



This is the execution screen shot:


Activities
Terminal
Tue 22:12
Trash
Projects
kevin@kevin-VirtualBox: ~/Desktop/Projects/C/Homework 1
File Edit View Search Terminal Help
kevin@kevin-VirtualBox:~$ cd Desktop/Projects/C
kevin@kevin-VirtualBox:~/Desktop/Projects/C$ ls
a.out helloworld helloworld.c Homework_1 Homework_1
kevin@kevin-VirtualBox:~/Desktop/Projects/C$ cd "Homework 1"
kevin@kevin-VirtualBox:~/Desktop/Projects/C/Homework 1$ gcc -Wall HelloWorld-GCC
.c
kevin@kevin-VirtualBox:~/Desktop/Projects/C/Homework 1$ ls
a.out HelloWorld-GCC.c
kevin@kevin-VirtualBox:~/Desktop/Projects/C/Homework 1$ ./a.out
Hello 415, I am Kevin Truongkevin@kevin-VirtualBox:~/Desktop/Projects/C/Homework
1$
Home
Desktop
Projects
C
Homework 1
Recent
Home
Documents
Downloads
Music
Pictures
Videos
Trash
Other Locations
a.out
HelloWorld
-GCC.c