

Sean Farrell

1/30/2024

CPSC 2311 Lab section 5

Lab 3 Screenshots

Screenshots

```
[16:29:29] spfarre@access1:~/cpsc2310/Lab3 [21] ls
driver.c Makefile src
[16:31:46] spfarre@access1:~/cpsc2310/Lab3 [22] cd src
[16:31:52] spfarre@access1:~/cpsc2310/Lab3/src [23] ls
functions.c functions.h
[16:31:53] spfarre@access1:~/cpsc2310/Lab3/src [24] |
```

```
C:\Users\sfarre>ssh spfarre@access.computing.clemson.edu
spfarre@access.computing.clemson.edu's password:
*****
Welcome to the
CLEMSON UNIVERSITY SCHOOL OF COMPUTING
Unauthorized use is prohibited!

PARTIAL LIST OF PUBLIC CLIENT MACHINES
Hostnames      Location      OS              Architecture    Mem
joey1..18      n/a           Ubuntu 20.04    Core(TM) i7-4790 32GB
cerf1..30      McAdams 110D  Ubuntu 20.04    Core(TM) i5-7500 16GB
adal..15       McAdams 110B  Ubuntu 20.04    Core(TM) i5-7500 16GB
cirrus1..9     n/a           Ubuntu 20.04    Xeon(R) W-2255   64GB
newton         n/a           Ubuntu 20.04    Xeon(R) E5645    96GB
*****
* Off-campus SSH access: access.computing.clemson.edu
* General information can be found at computing.clemson.edu/help
* Virtual Linux Desktop: virtual.computing.clemson.edu
* Questions or problems with Linux lab systems? Email ithelp@clemson.edu
*****
This access host contains only basic utilities and is provided to facilitate
access to School resources. Please ssh directly in one of the resources listed
above. Please note: user processes are limited to 24 hour runtime on this host

Last login: Tue Jan 30 16:33:50 2024 from 243.233.21.198.tigernet.wifi.dyn.clemson.edu
[16:38:07] spfarre@access1:~ [1] cd cpsc2310/Lab3/
[16:38:32] spfarre@access1:~/cpsc2310/Lab3 [2] ls
driver.c src Task.docx
[16:38:33] spfarre@access1:~/cpsc2310/Lab3 [3] touch Makefile
[16:38:55] spfarre@access1:~/cpsc2310/Lab3 [4] ls
driver.c Makefile src Task.docx
[16:38:59] spfarre@access1:~/cpsc2310/Lab3 [5] |
```

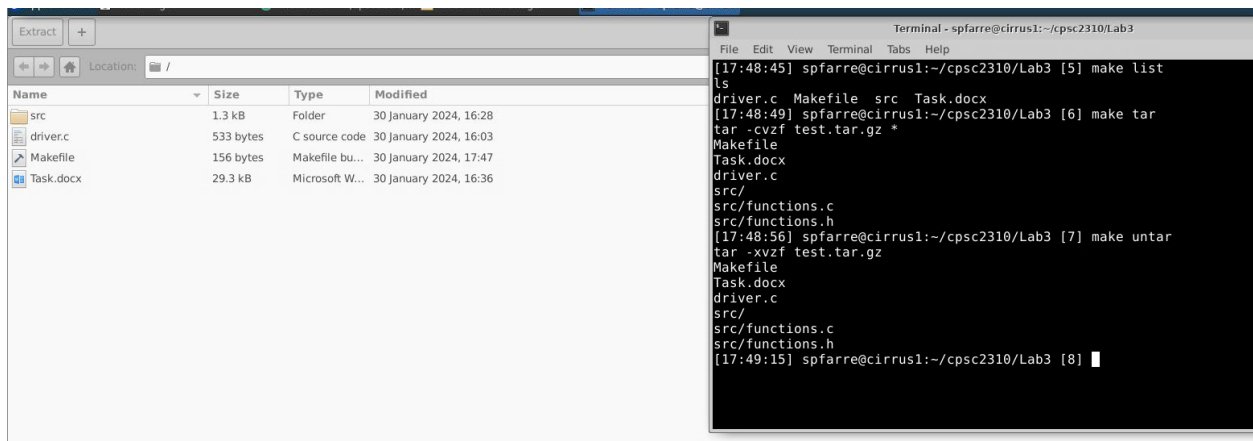
Screenshot 1:

```
MESSAGE=HELLO WORLD!
all: build
@echo "All Done"
build:
@echo "${MESSAGE}"
~
~
```

Screenshot 2:

```
[17:29:56] spfarre@cirrus1:~/cpsec2310/Lab3 [13] make
HELLO WORLD!
All Done
[17:29:59] spfarre@cirrus1:~/cpsec2310/Lab3 [14] make all
HELLO WORLD!
All Done
[17:30:05] spfarre@cirrus1:~/cpsec2310/Lab3 [15] make build
HELLO WORLD!
[17:30:09] spfarre@cirrus1:~/cpsec2310/Lab3 [16]
```

Screenshot 3:



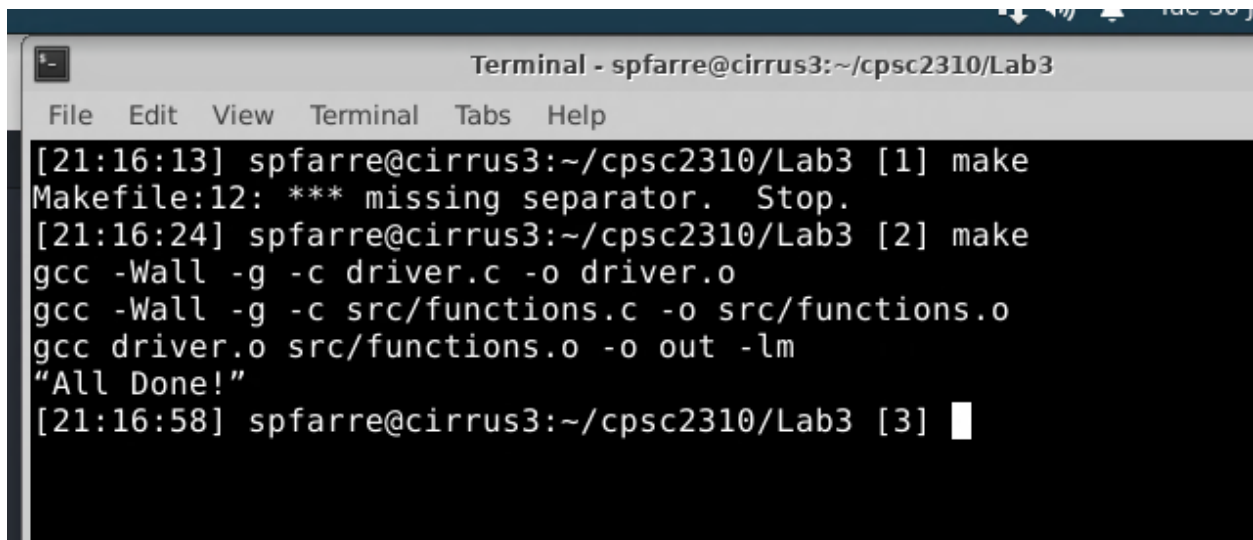
Screenshot 4

```
[17:49:15] spfarre@cirrus1:~/cpssc2310/Lab3 [8] make all
HELLO WORLD!
tar -cvzf test.tar.gz *
Makefile
Task.docx
driver.c
src/
src/functions.c
src/functions.h
test.tar.gz
tar -xvzf test.tar.gz
Makefile
Task.docx
driver.c
src/
src/functions.c
src/functions.h
test.tar.gz
ls
driver.c  Makefile  src  Task.docx  test.tar.gz
All Done
```

Screenshot 5:

```
[17:51:30] spfarre@cirrus1:~/cpssc2310/Lab3 [9] make all
echo HELLO WORLD!
HELLO WORLD!
tar -cvzf test.tar.gz *
Makefile
Task.docx
driver.c
src/
src/functions.c
src/functions.h
test.tar.gz
tar -xvzf test.tar.gz
Makefile
Task.docx
driver.c
src/
src/functions.c
src/functions.h
test.tar.gz
ls
driver.c  Makefile  src  Task.docx  test.tar.gz
echo "All Done"
```

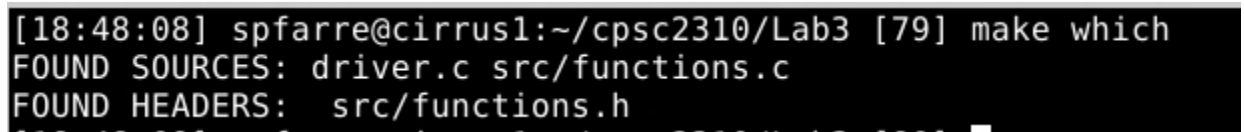
Screenshot 6:



A terminal window titled "Terminal - spfarre@cirrus3:~/cpssc2310/Lab3". The window has a menu bar with "File", "Edit", "View", "Terminal", "Tabs", and "Help". The terminal output shows the following sequence of events:

```
[21:16:13] spfarre@cirrus3:~/cpssc2310/Lab3 [1] make
Makefile:12: *** missing separator. Stop.
[21:16:24] spfarre@cirrus3:~/cpssc2310/Lab3 [2] make
gcc -Wall -g -c driver.c -o driver.o
gcc -Wall -g -c src/functions.c -o src/functions.o
gcc driver.o src/functions.o -o out -lm
"All Done!"
[21:16:58] spfarre@cirrus3:~/cpssc2310/Lab3 [3] █
```

Screenshot 7:



A terminal window showing the output of a 'make which' command. The output lists the sources and headers found by the build system.

```
[18:48:08] spfarre@cirrus1:~/cpssc2310/Lab3 [79] make which
FOUND SOURCES: driver.c src/functions.c
FOUND HEADERS:  src/functions.h
```