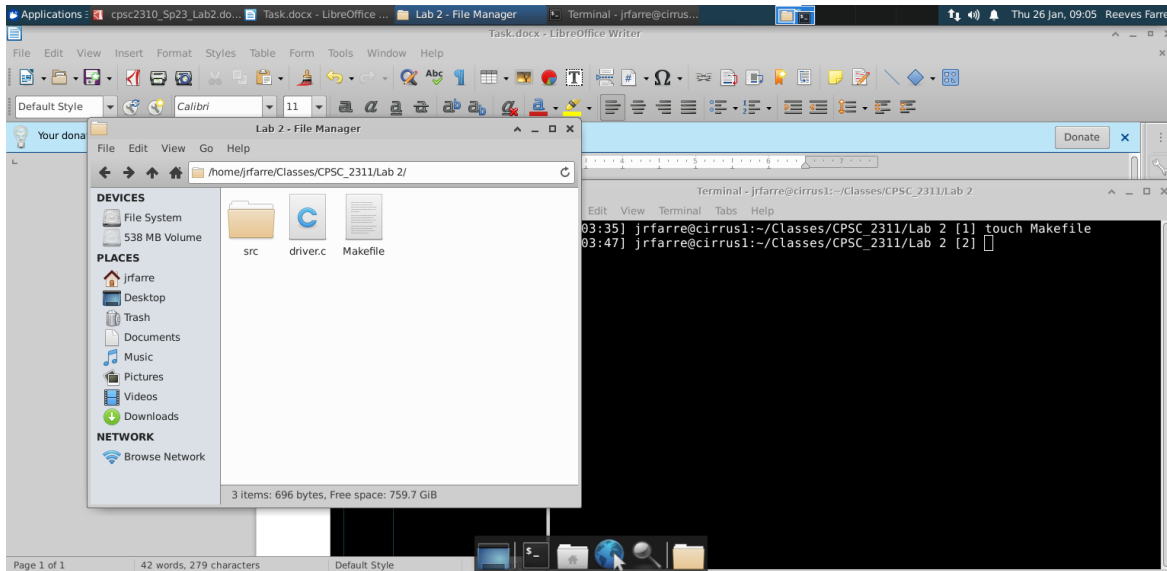


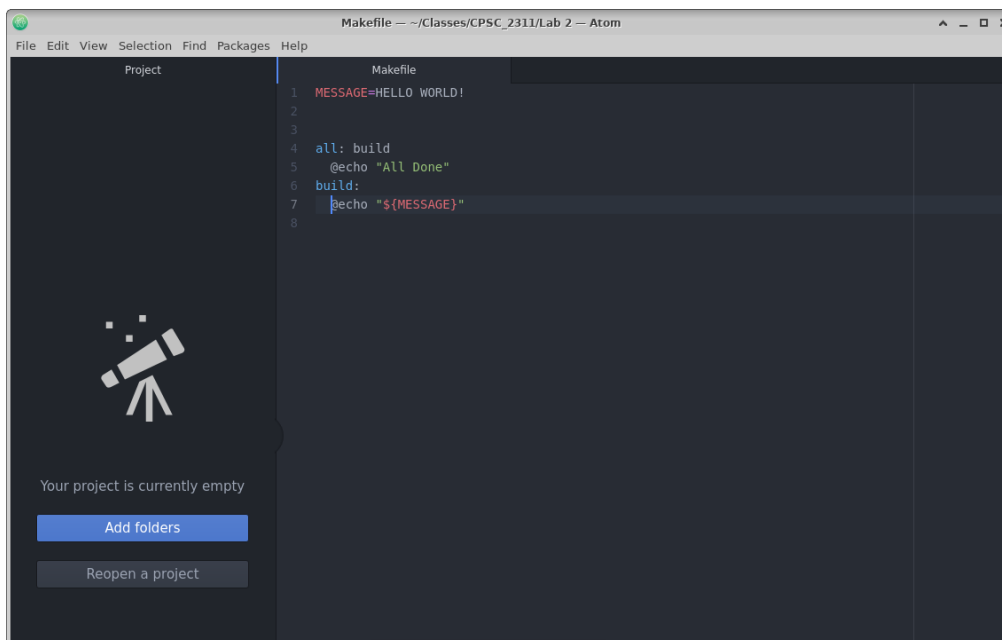
### Reason for changing driver.c:

In driver.c, I had to change the path to get to “functions.h”. It was originally #include “functions.h” but it was changed to #include “.\src\functions.h” where it is currently located.

### Screenshot for makefile:



### Screenshot for makefile with hello world:



### Make commands:

```
Terminal - jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2
File Edit View Terminal Tabs Help
[09:03:35] jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2 [1] touch Makefile
[09:03:47] jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2 [2] make all
HELLO WORLD!
All Done
[09:11:29] jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2 [3] make
HELLO WORLD!
All Done
[09:11:44] jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2 [4] make build
HELLO WORLD!
[09:11:47] jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2 [5] █
```

### Tar and Untar:

```
Terminal - jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2
File Edit View Terminal Tabs Help
[09:14:39] jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2 [10] tar -czvf test.tar.gz *
driver.c
Makefile
src/
src/functions.c
src/functions.h
src/Task.docx
src/.~lock.Task.odt#
src/Task.odt
[09:14:55] jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2 [11] ls
driver.c Makefile src test.tar.gz
[09:15:05] jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2 [12] tar -zxvf test.tar.gz
driver.c
Makefile
src/
src/functions.c
src/functions.h
src/Task.docx
src/.~lock.Task.odt#
src/Task.odt
[09:16:36] jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2 [13] █
```

### Makefile With Lab:

```
Terminal - jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2
File Edit View Terminal Tabs Help
[09:21:32] jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2 [17] mv Makefile Coding.txt
[09:21:48] jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2 [18] touch Makefile
[09:21:59] jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2 [19] make
Makefile:12: *** missing separator. Stop.
[09:23:31] jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2 [20] make
gcc -Wall -g -c driver.c -o driver.o
driver.c:9:10: fatal error: ./src/functions.h: No such file or directory
   9 | #include "./src/functions.h"
     |          ^~~~~~
compilation terminated.
make: *** [Makefile:18: driver.o] Error 1
[09:24:43] jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2 [21] 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!"
[09:25:34] jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2 [22] █
```

Make Which:

```
Terminal - jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2
File Edit View Terminal Tabs Help
[09:29:31] jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2 [23] make which
FOUND SOURCES: driver.c src/functions.c
FOUND HEADERS:  src/functions.h
[09:29:34] jrfarre@cirrus1:~/Classes/CPSC_2311/Lab 2 [24] █
```