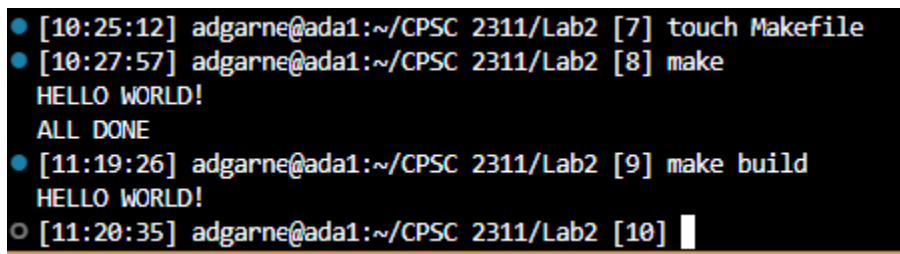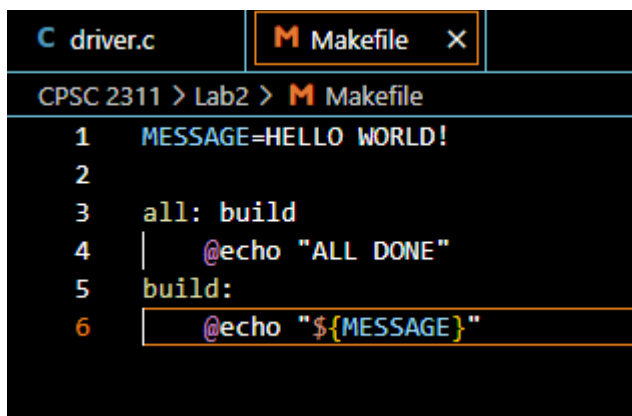Changed the include functions.h to include src/functions.h so that it would be able to point in the right directory.
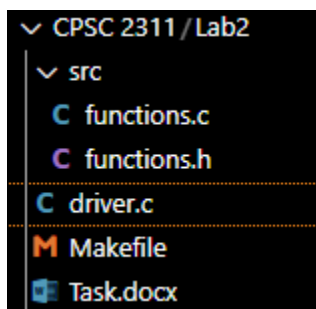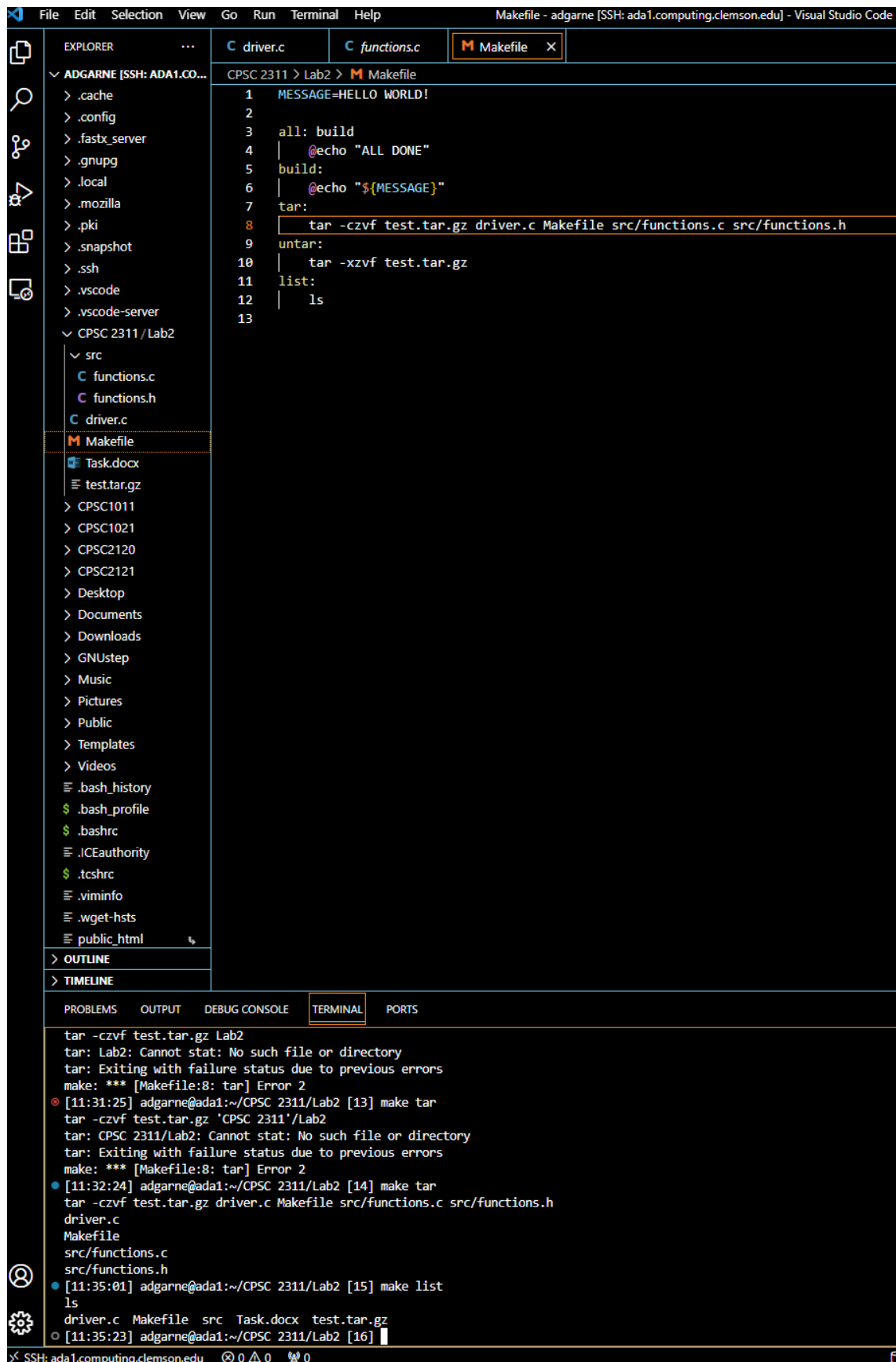

```
CPSC 2311 > Lab2 > M Makefile
  1    MESSAGE=HELLO WORLD!
  2
  3    all: build
  4        @echo "ALL DONE"
  5    build:
  6        @echo "${MESSAGE}"
```



```
● [10:25:12] adgarne@ada1:~/CPSC 2311/Lab2 [7] touch Makefile
● [10:27:57] adgarne@ada1:~/CPSC 2311/Lab2 [8] make
 HELLO WORLD!
 ALL DONE
● [11:19:26] adgarne@ada1:~/CPSC 2311/Lab2 [9] make build
 HELLO WORLD!
○ [11:20:35] adgarne@ada1:~/CPSC 2311/Lab2 [10] █
```

File Edit Selection View Go Run Terminal Help

EXPLORER

driver.c   functions.c   M Makefile ×

CPSC 2311 > Lab2 > M Makefile

∨ ADGARNE [SSH: ADA1.CO...
> .cache
> .config
> .fastx_server
> .gnupg
> .local
> .mozilla
> .pki
> .snapshot
> .ssh
> .vscode
> .vscode-server
∨ CPSC 2311 / Lab2
  ∨ src
    C functions.c
    C functions.h
  C driver.c
  M Makefile
  Task.docx
  test.tar.gz
> CPSC1011
> CPSC1021
> CPSC2120
> CPSC2121
> Desktop
> Documents
> Downloads
> GNUstep
> Music
> Pictures
> Public
> Templates
> Videos
.bash_history
$ .bash_profile
$ .bashrc
.ICEauthority
$ .tcshrc
.viminfo
.wget-hsts
public_html

> OUTLINE
> TIMELINE

```makefile
1    MESSAGE=HELLO WORLD!
2
3    all: build
4        @echo "ALL DONE"
5    build:
6        @echo "${MESSAGE}"
7    tar:
8        tar -czvf test.tar.gz driver.c Makefile src/functions.c src/functions.h
9    untar:
10       tar -xzvf test.tar.gz
11   list:
12       ls
13
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
tar -czvf test.tar.gz Lab2
tar: Lab2: Cannot stat: No such file or directory
tar: Exiting with failure status due to previous errors
make: *** [Makefile:8: tar] Error 2
[11:31:25] adgarne@ada1:~/CPSC 2311/Lab2 [13] make tar
tar -czvf test.tar.gz 'CPSC 2311'/Lab2
tar: CPSC 2311/Lab2: Cannot stat: No such file or directory
tar: Exiting with failure status due to previous errors
make: *** [Makefile:8: tar] Error 2
[11:32:24] adgarne@ada1:~/CPSC 2311/Lab2 [14] make tar
tar -czvf test.tar.gz driver.c Makefile src/functions.c src/functions.h
driver.c
Makefile
src/functions.c
src/functions.h
[11:35:01] adgarne@ada1:~/CPSC 2311/Lab2 [15] make list
ls
driver.c  Makefile  src  Task.docx  test.tar.gz
[11:35:23] adgarne@ada1:~/CPSC 2311/Lab2 [16]
```

SSH: ada1.computing.clemson.edu   0   0   0

File   Edit   Selection   View   Go   Run   Terminal   Help

EXPLORER

C driver.c   C functions.c   M Makefile   ✕

∨ ADGARNE [SSH: ADA1.CO...

CPSC 2311 › Lab2 › M Makefile

> .cache
> .config
> .fastx_server
> .gnupg
> .local
> .mozilla
> .pki
> .snapshot
> .ssh
> .vscode
> .vscode-server
∨ CPSC 2311 / Lab2
  ∨ src
    C functions.c
    C functions.h
  C driver.c
  M Makefile
  📘 Task.docx
  ≡ test.tar.gz
> CPSC1011
> CPSC1021
> CPSC2120
> CPSC2121
> Desktop
> Documents
> Downloads
> GNUstep
> Music
> Pictures
> Public
> Templates
> Videos
≡ .bash_history
$ .bash_profile
$ .bashrc
≡ .ICEauthority
$ .tcshrc
≡ .viminfo
≡ .wget-hsts
≡ public_html

> OUTLINE
> TIMELINE

```makefile
1    MESSAGE=HELLO WORLD!
2
3    all: build tar list
4        @echo "ALL DONE"
5    build:
6        @echo "${MESSAGE}"
7    tar:
8        tar -czvf test.tar.gz driver.c Makefile src/functions.c src/functions.h
9    untar:
10       tar -xzvf test.tar.gz
11   list:
12       ls
13
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
    tar -czvf test.tar.gz driver.c Makefile src/functions.c src/functions.h
    driver.c
    Makefile
    src/functions.c
    src/functions.h
●  [11:35:01] adgarne@ada1:~/CPSC 2311/Lab2 [15] make list
    ls
    driver.c  Makefile  src  Task.docx  test.tar.gz
●  [11:35:23] adgarne@ada1:~/CPSC 2311/Lab2 [16] make
    HELLO WORLD!
    tar -czvf test.tar.gz driver.c Makefile src/functions.c src/functions.h
    driver.c
    Makefile
    src/functions.c
    src/functions.h
    ls
    driver.c  Makefile  src  Task.docx  test.tar.gz
    ALL DONE
○  [11:37:38] adgarne@ada1:~/CPSC 2311/Lab2 [17] 
```

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```
[13:13:37] adgarne@ada1:~/CPSC 2311/Lab2 [12] make
gcc -Wall -g   -c -o src/functions.o src/functions.c
gcc driver.o src/functions.o  -o out -lm
All Done!
[13:16:01] adgarne@ada1:~/CPSC 2311/Lab2 [13] 
```

```
All Done!
[13:16:01] adgarne@ada1:~/CPSC 2311/Lab2 [13] make which
FOUND SOURCES: driver.c src/functions.c
FOUND HEADERS:  src/functions.h
[13:41:39] adgarne@ada1:~/CPSC 2311/Lab2 [14] 
```