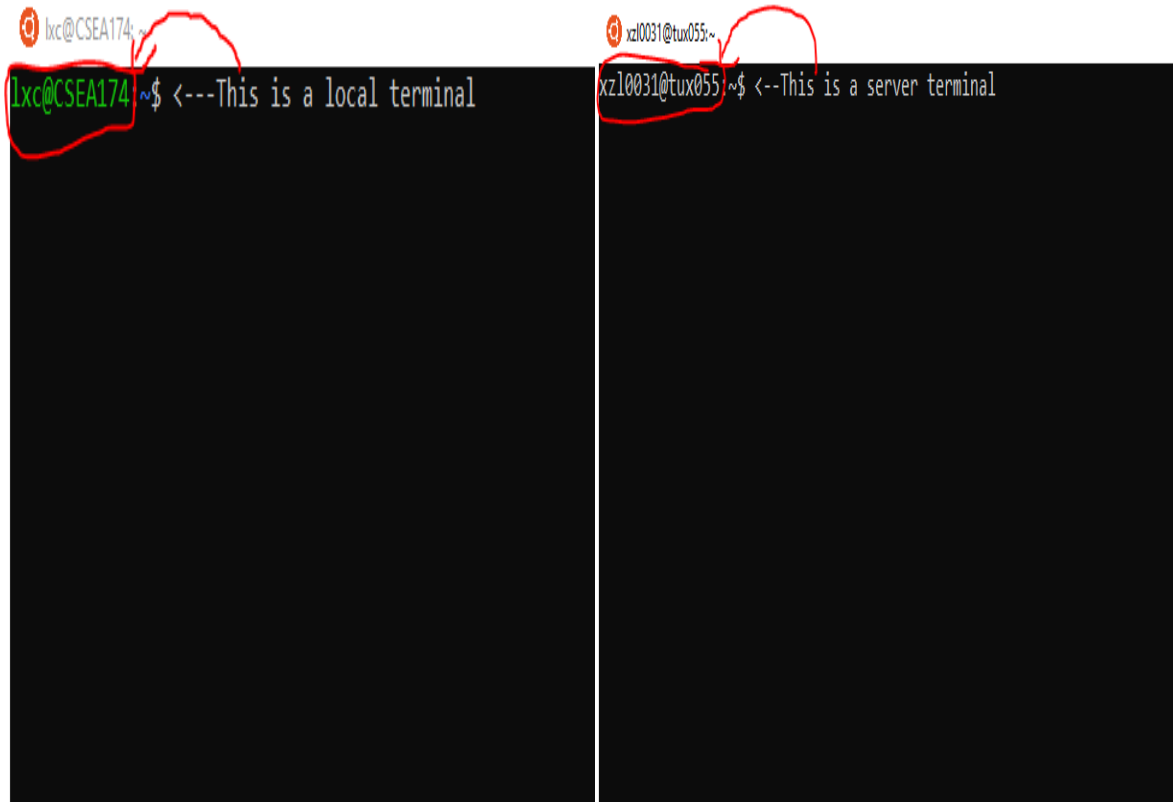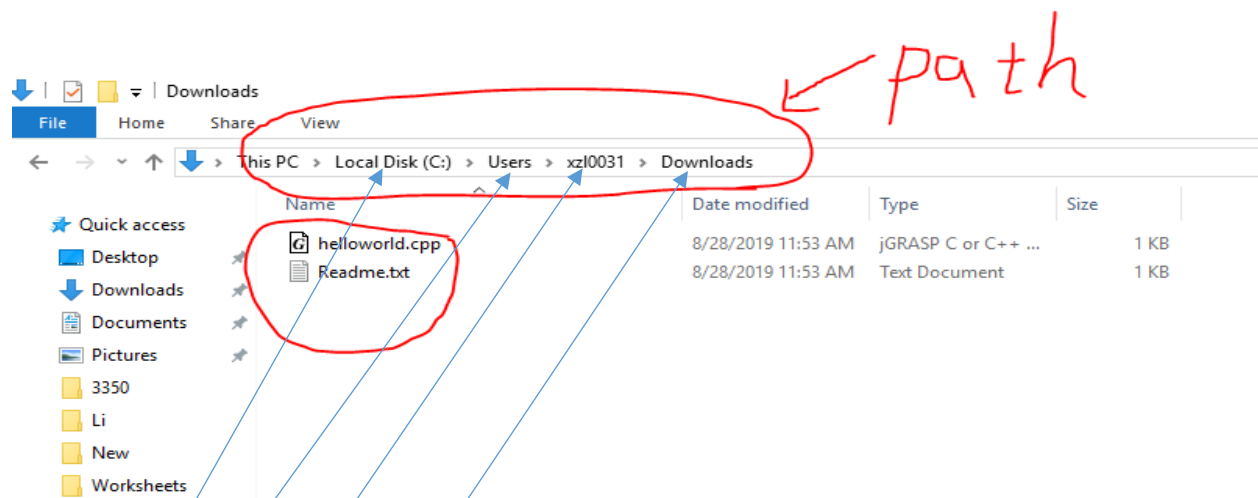For download and upload, please stay in a local terminal, not a server terminal.

Assume that you already downloaded two files to your local computer via Chrome/Firefox/IE/Safari………

For Windows users, y'all are smart to quickly locate downloaded files in a window environment, right?

~path~

1. In a local terminal, please type:

Please type your own username

scp /mnt/c/Users/xzl0031/Downloads/Readme.txt xzl0031@scp.eng.auburn.edu:/home/cse_h1/xzl0031

a space

a space

How to know your own directory? See FAQ 1
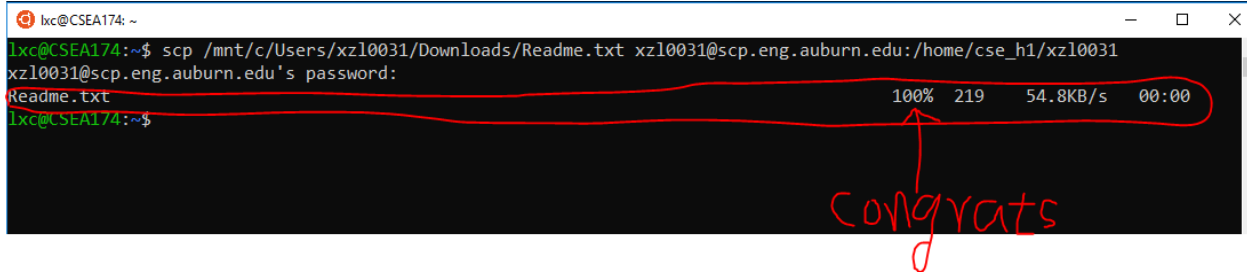


```
lxc@CSEA174:~$ scp /mnt/c/Users/xzl0031/Downloads/Readme.txt xzl0031@scp.eng.auburn.edu:/home/cse_h1/xzl0031
```

space

space

not yours

2. Please enter your password.


```
lxc@CSEA174:~$ scp /mnt/c/Users/xzl0031/Downloads/Readme.txt xzl0031@scp.eng.auburn.edu:/home/cse_h1/xzl0031
xzl0031@scp.eng.auburn.edu's password:
```
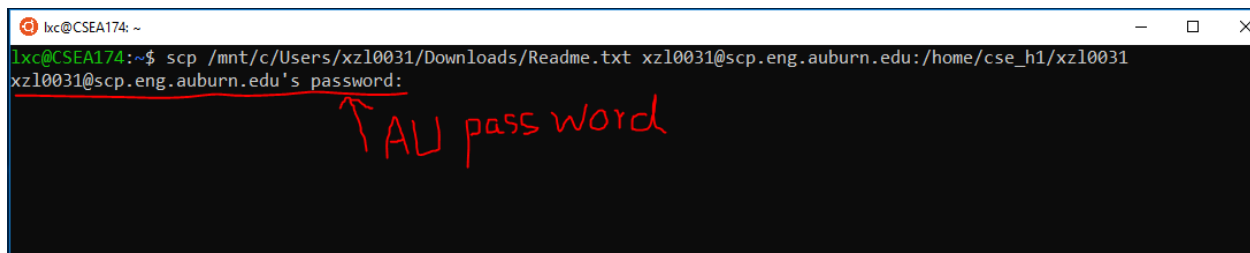
AU password

3. Congrats!

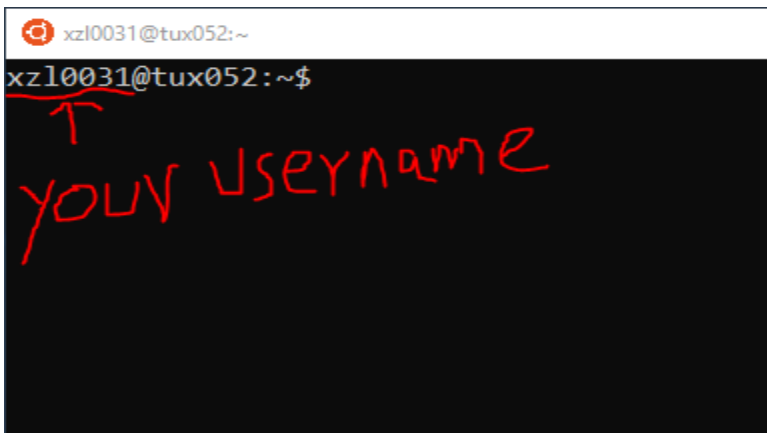```
lxc@CSEA174: ~   — □ ×
lxc@CSEA174:~$ scp /mnt/c/Users/xzl0031/Downloads/Readme.txt xzl0031@scp.eng.auburn.edu:/home/cse_h1/xzl0031
xzl0031@scp.eng.auburn.edu's password:
Readme.txt   100% 219   54.8KB/s   00:00
lxc@CSEA174:~$
```

Congrats

## 4. Similarly please upload the second file to the server.

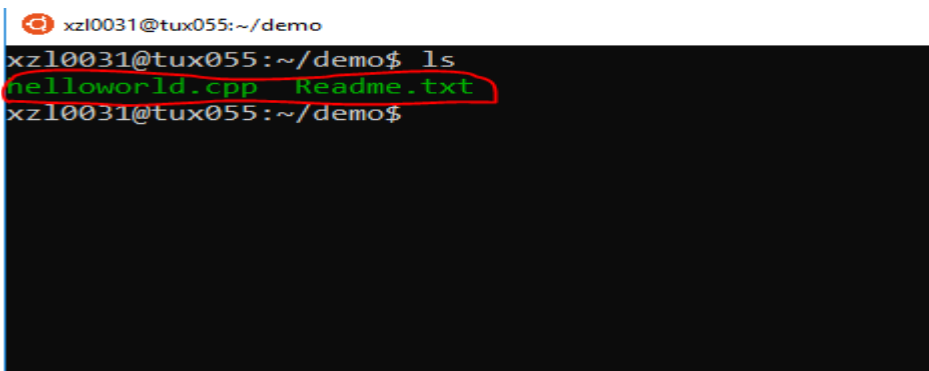Until now I am assuming that you already successfully uploaded two files to the server.

5. Please launch a new terminal and log in (Don't close your previous terminal). Once successfully login to the AU server, you will see a screenshot below.



```
xzl0031@tux052:~
xzl0031@tux052:~$
```

your username

6. Please type two letters: ls   ---------->You will see both files.


```
xzl0031@tux055:~/demo
xzl0031@tux055:~/demo$ ls
helloworld.cpp   Readme.txt
xzl0031@tux055:~/demo$
```

7. To create a folder, please type a command: mkdir Quiz1

a space

```
xzl0031@tux055:~/demo$ ls
helloworld.cpp  Readme.txt
xzl0031@tux055:~/demo$ mkdir Quiz1
```

a space

8. To move two files into a Quiz1 folder, please type:

mv helloworld.cpp Readme.txt Quiz1/

a space   a space   a space

```
xzl0031@tux055:~/demo$ mv helloworld.cpp Readme.txt Quiz1/
```

A space

8.1 Please edit your .cpp file based on Readme.txt

8.1.1 Scenario1: how to open/create a .cpp file

Type "vi helloworld.cpp"

8.1.2 Scenario2: how to edit your code.

Click "i"(now your file is in an "edit/insert" mode). And then feel free to type your code.

8.1.3 Scenario3: how to save your code.

Once finishing editions in the comment section, press "Esc"(now your file exists from an "edit" mode) -> type ":wq"(wq: write back mode) -> click "Enter".

8.1.4 Scenario4: how to compile your code.

Option1: g++ helloworld.cpp (g++ compiler will automatically generate the "a.out" as an executive file)

Option2: g++ helloworld.cpp –o helloworld (users will manually select a favorite name as an executive file name)

Executive files end with .out

8.1.5 Scenario5: how to execute your code.

Type "./your executive file"

9. Compress it!

Please type your own username

tar -czvf Quiz1_xzl0031.tar.gz Quiz1/

10. Once click Enter, you will see what folders and files you are compressing.

```
xzl0031@tux055:~/demo
xzl0031@tux055:~/demo$ tar -czvf Quiz1_xzl0031.tar.gz Quiz1/
Quiz1/
Quiz1/helloworld.cpp          }← compressed
Quiz1/Readme.txt
xzl0031@tux055:~/demo$
```

11. Please type ls again.


```
xzl0031@tux055:~/demo
xzl0031@tux055:~/demo$ tar -czvf Quiz1_xzl0031.tar.gz Quiz1/
Quiz1/
Quiz1/helloworld.cpp
Quiz1/Readme.txt
xzl0031@tux055:~/demo$ ls
Quiz1  Quiz1_xzl0031.tar.gz
xzl0031@tux055:~/demo$
                              congrats
```

Please download it to your local computer.

12. Go back to your local terminal (not a server terminal)


```
lxc@CSEA174:
lxc@CSEA174:~$ <---This is a local terminal
```

13. Type:

Please type your own username

Please find your own path

Please type your own username

scp xzl0031@scp.eng.auburn.edu:/home/cse_h1/xzl0031/Quiz1_xzl0031.tar.gz /mnt/c/Users/xzl0031/Downloads/

a space

a space

lxc@CSEA174:~$ scp xzl0031@scp.eng.auburn.edu:/home/cse_h1/xzl0031/demo/Quiz1_xzl0031.tar.gz /mnt/c/Users/xzl0031/Downloads/

Local   A space   A space

14. Please go back to your original windows diagram to see what happened 😊 *surprise*

surprise ♡
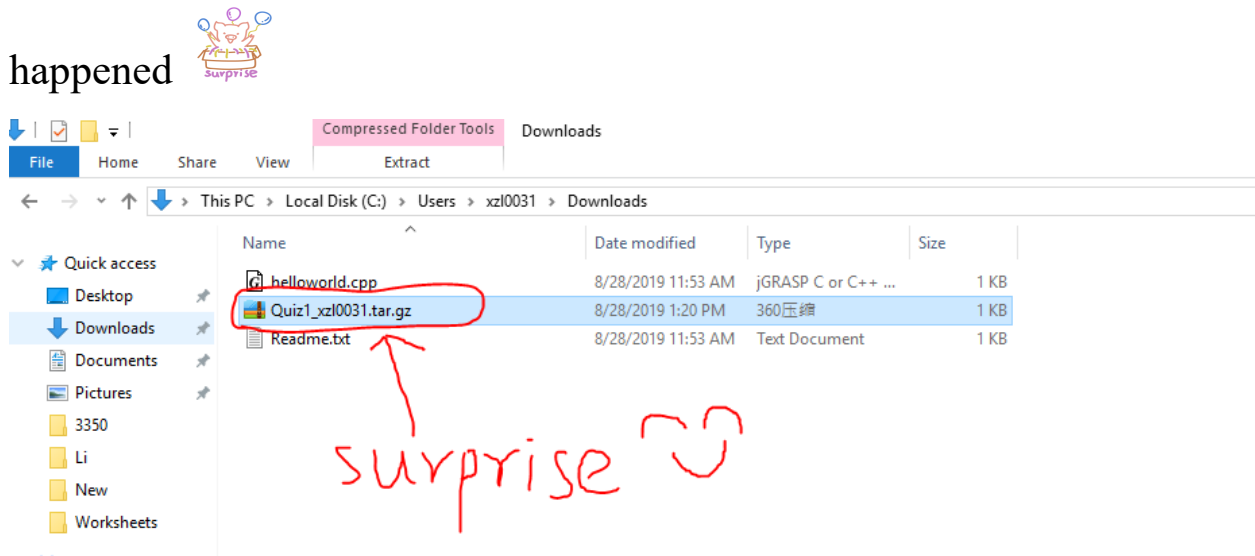
FAQ1.

How to know my own home directory in the AU server? I hate Dr Li's home directory 😣

Answer: Please login to the AU server with your AU username and you will see:

Please type 3 letters: pwd

Once click Enter, you will see your own home directory in the AU server

Please replace Dr Li's home directory (marked by red) in step 1 with yours.