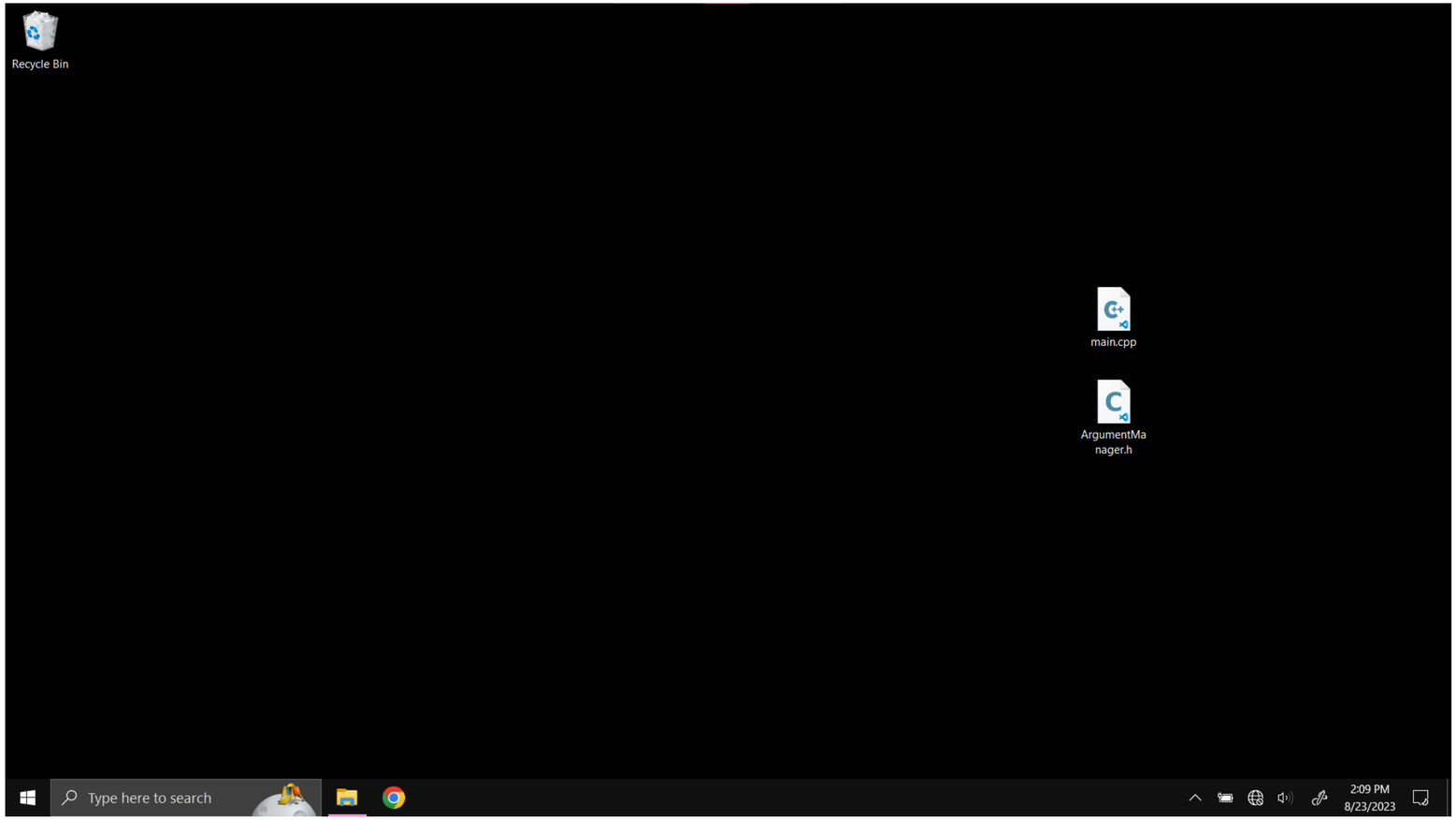
Uploading to the server

for Windows users

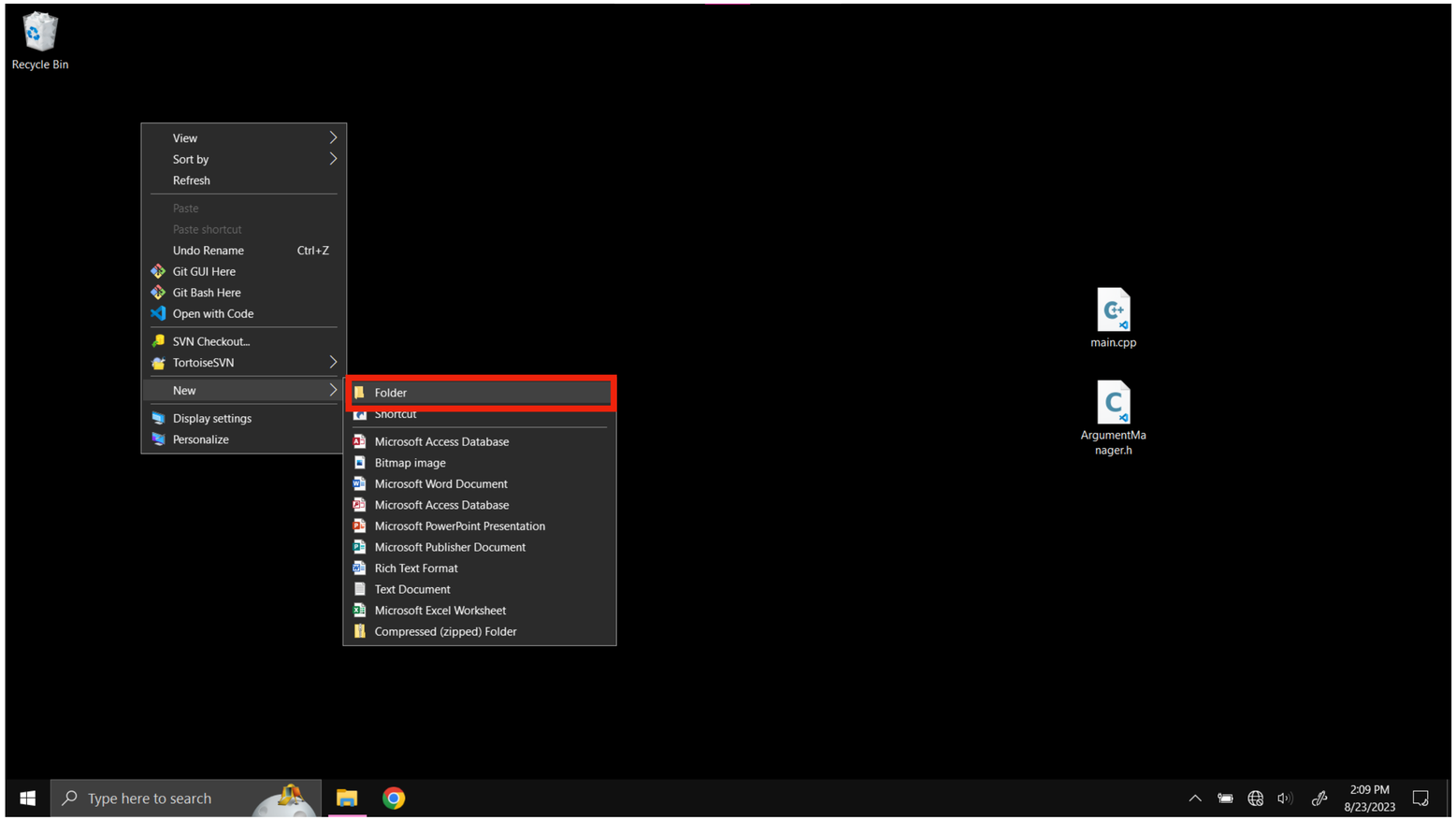
Step 1

Get your main.cpp file and ArgumentManager.h file ready to copy to the server



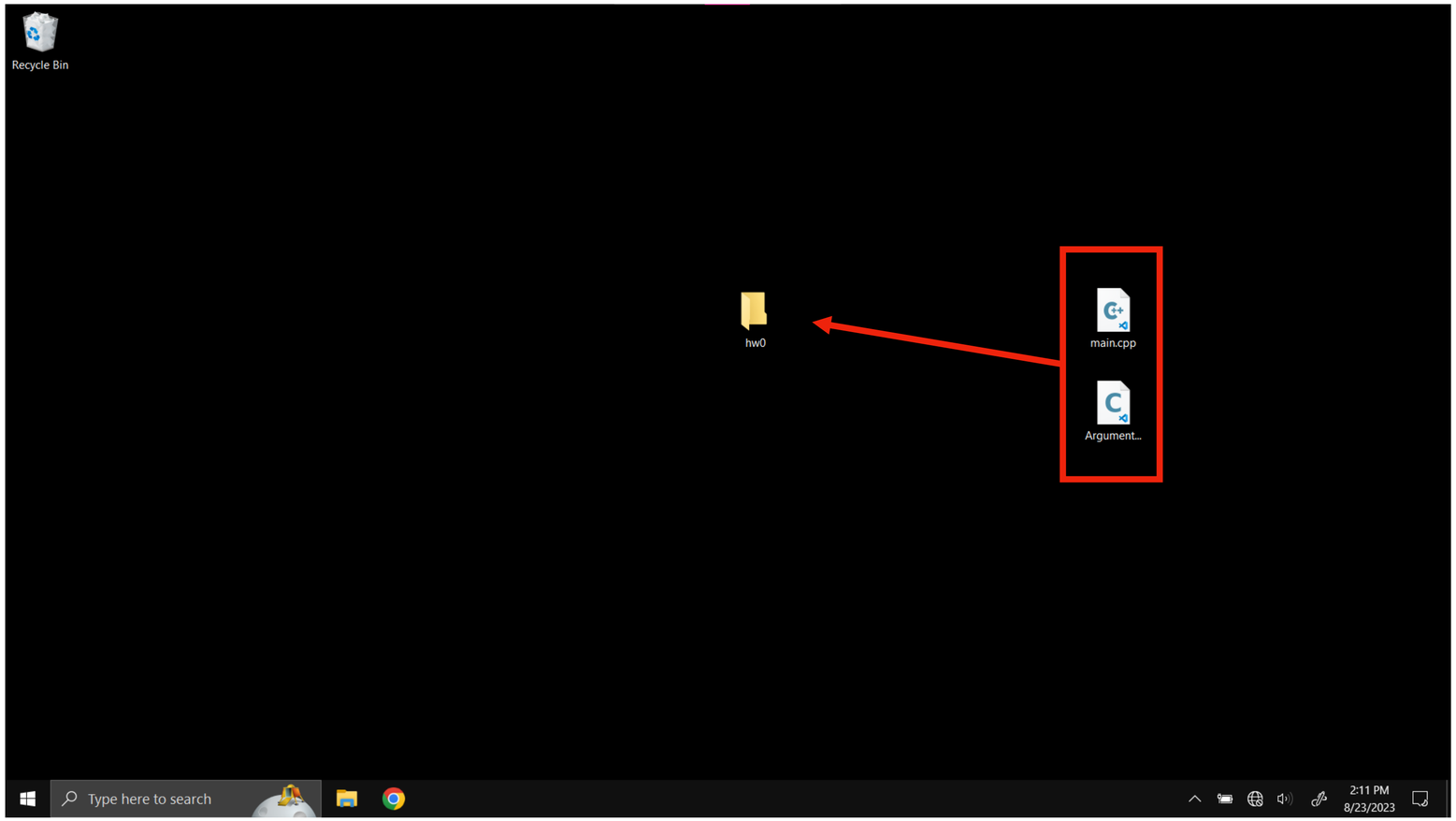
Step 2

Create a new folder named “hw0” on your Desktop



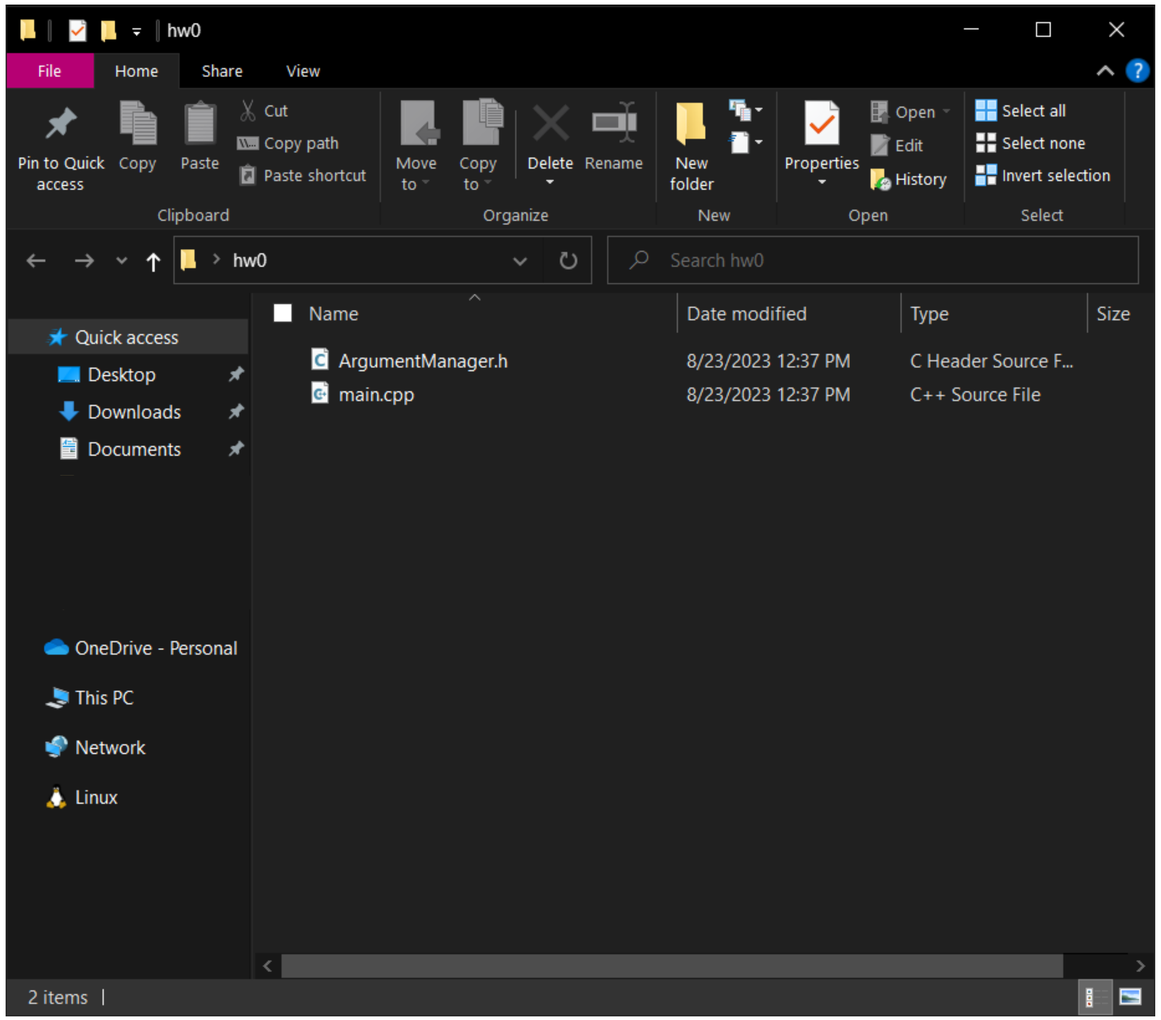
Step 3

Drag and drop your main.cpp and the ArgumentManager.h files into the hw0 folder



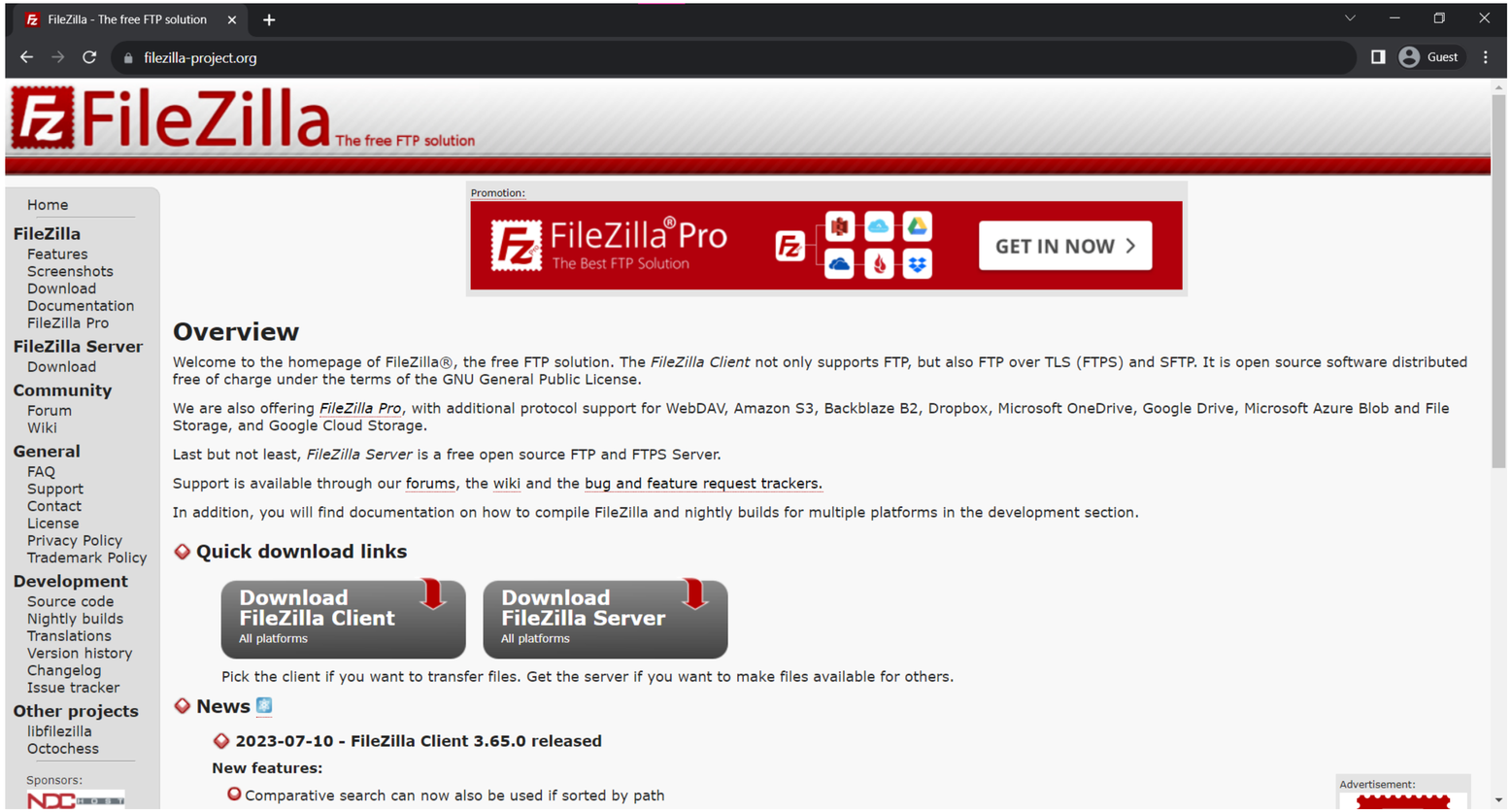
Our files are now in the hw0 folder and are ready to be put on the server.

The next steps will cover how to install FileZilla, if you already have it installed you can skip to Step 14.



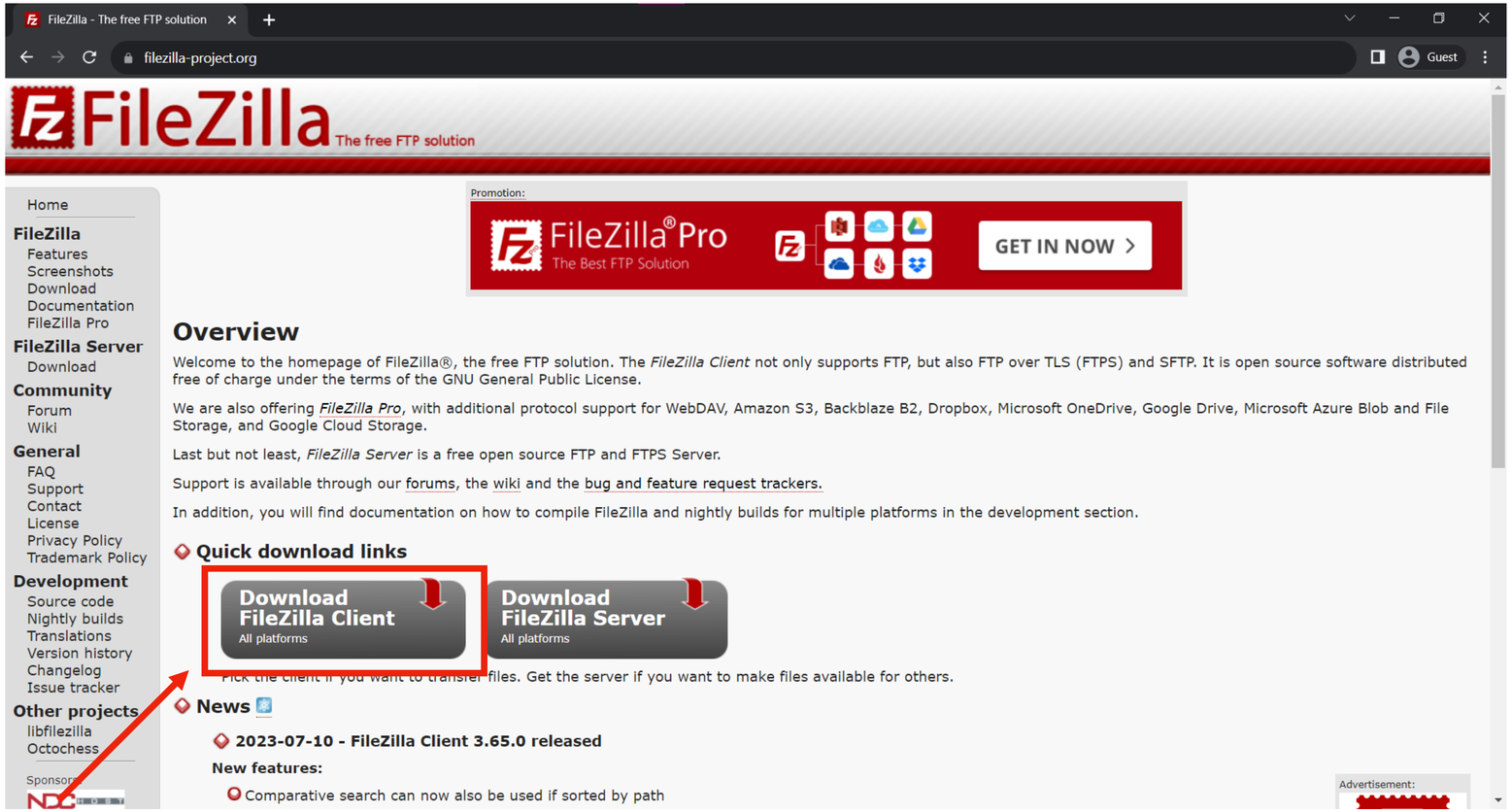
Step 4

Go to https://filezilla-project.org/



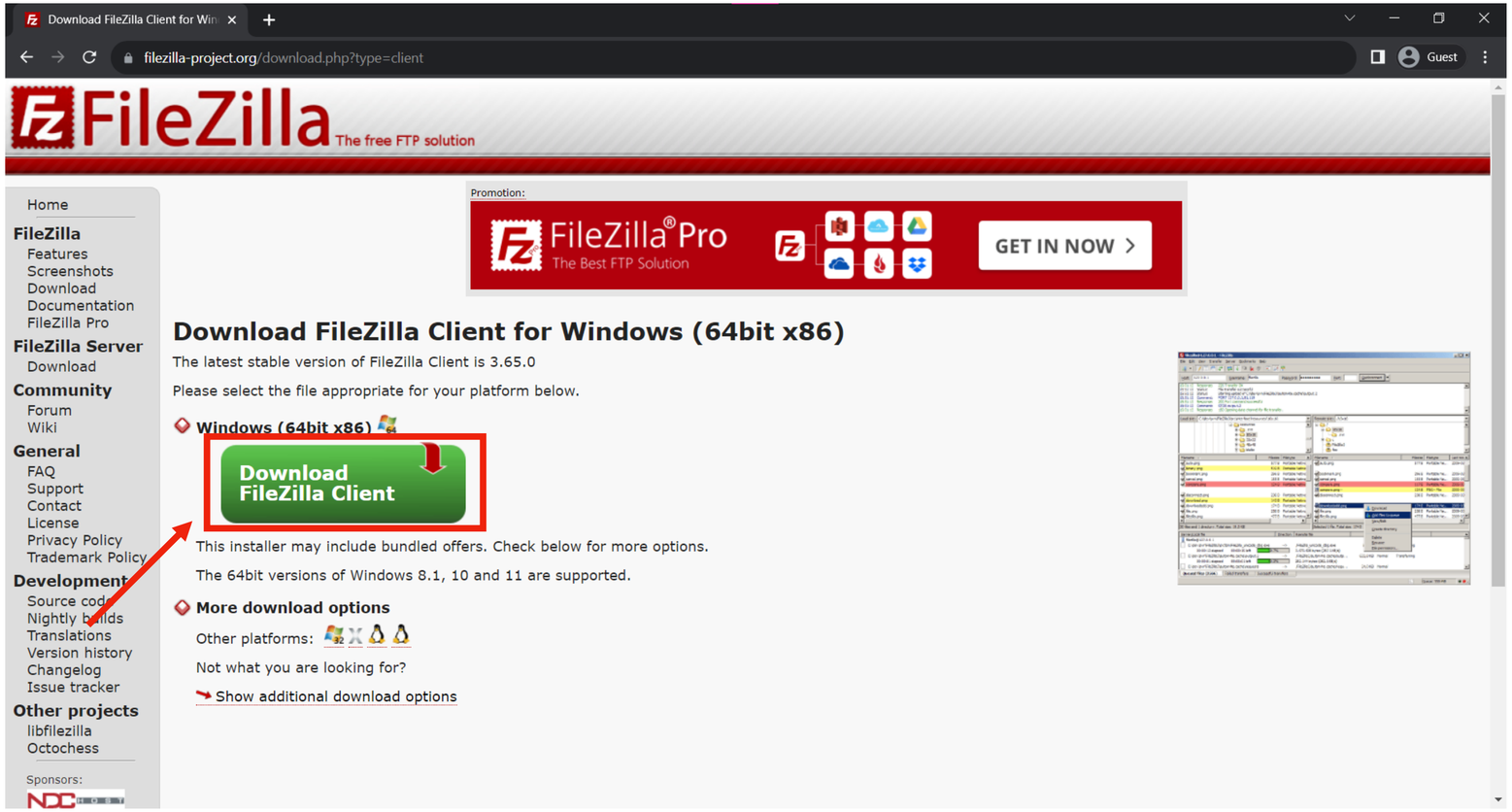
Step 5

Click “Download FileZilla Client”



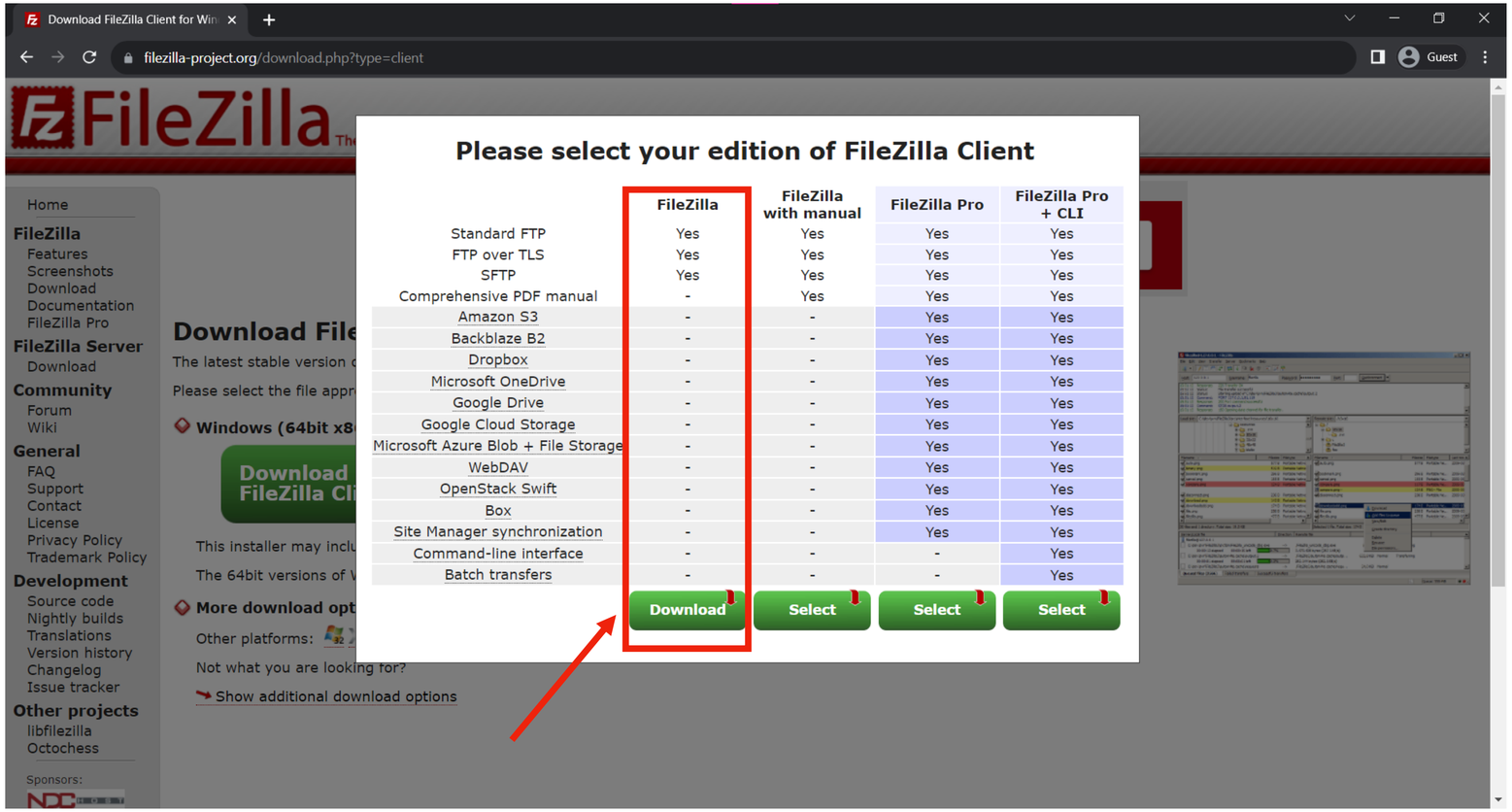
Step 6

Click “Windows Download FileZilla Client”



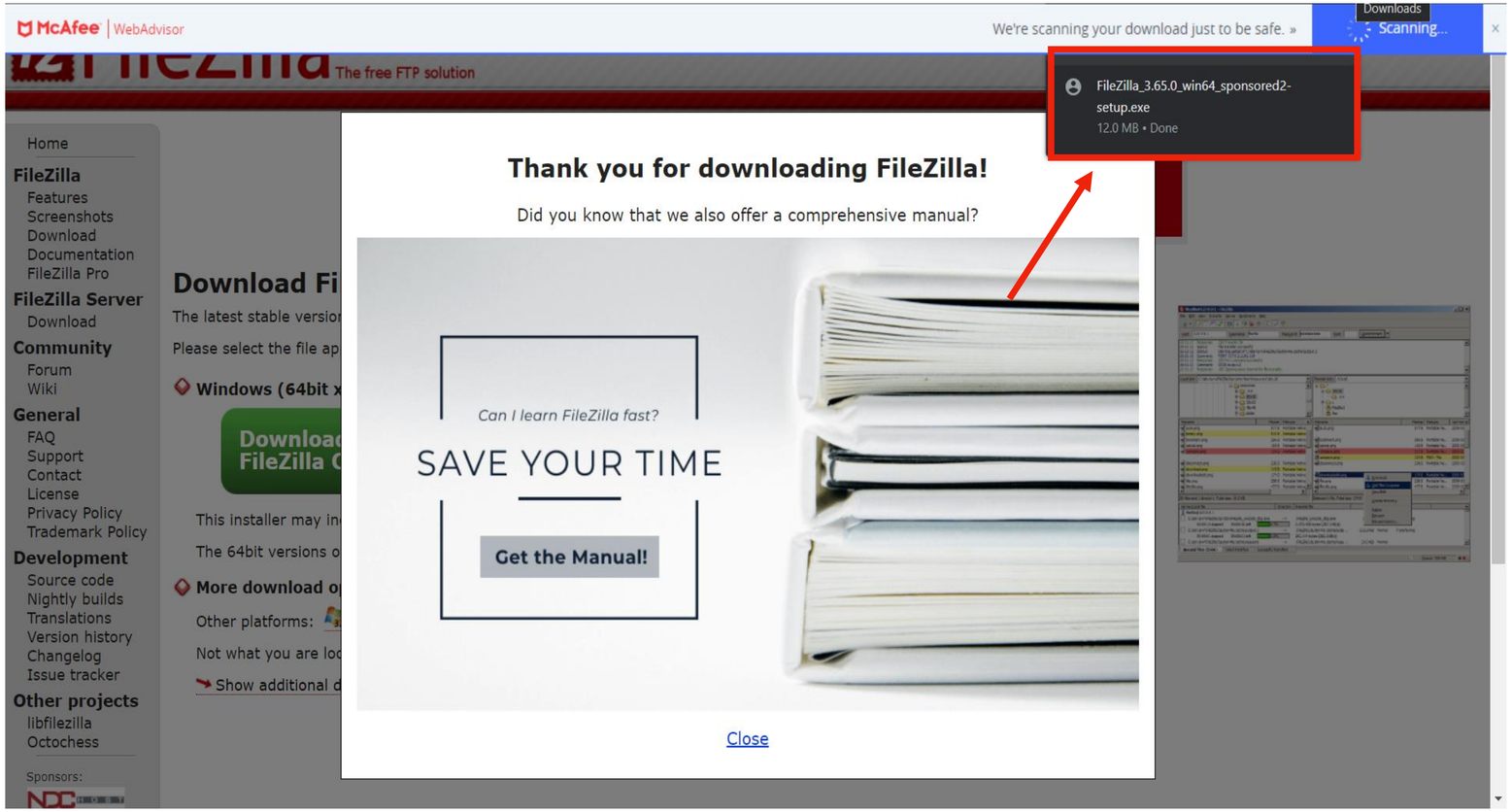
Step 7

Click the “Download” button under the “FileZilla” column



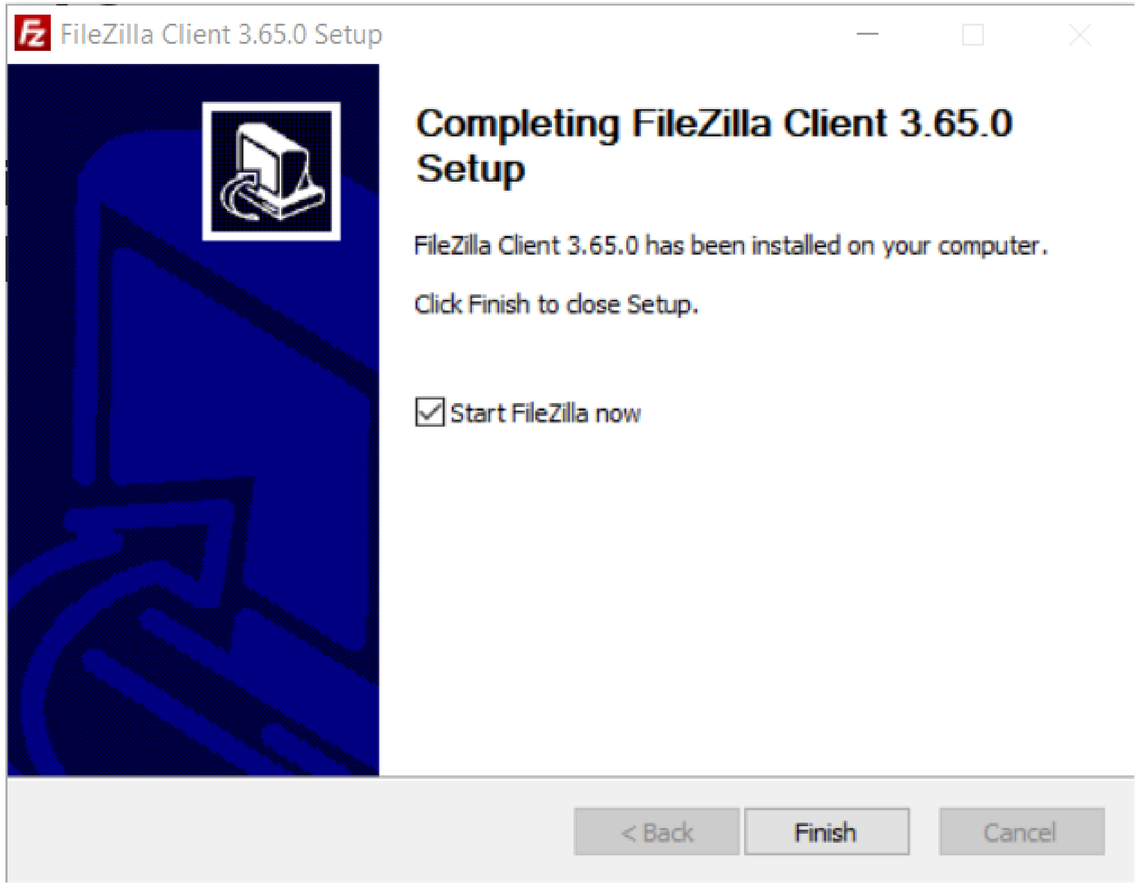
Step 8

Go to your downloads and double-click the file to start installation

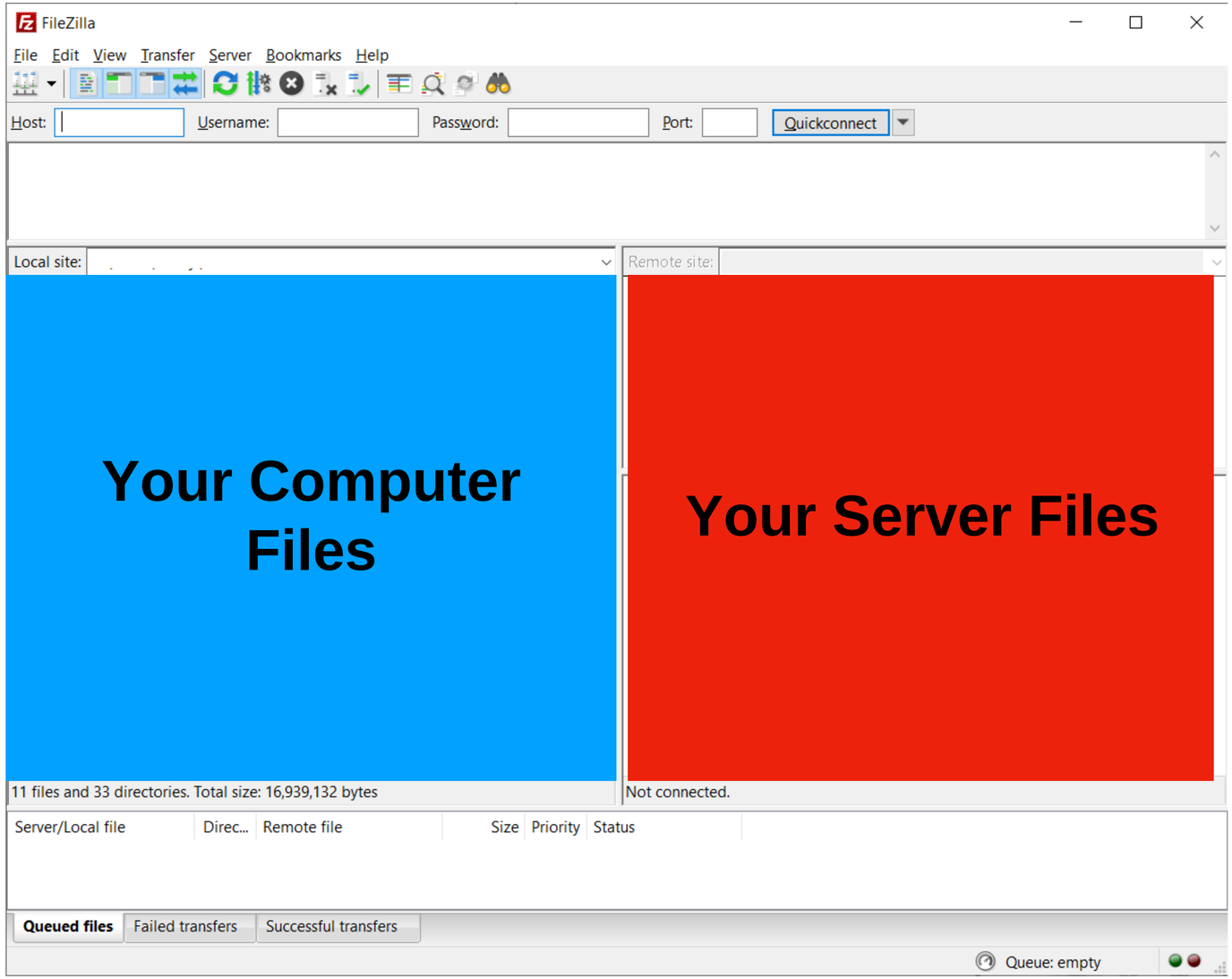


Step 9

After it is done downloading, click “Finish” and launch FileZilla.

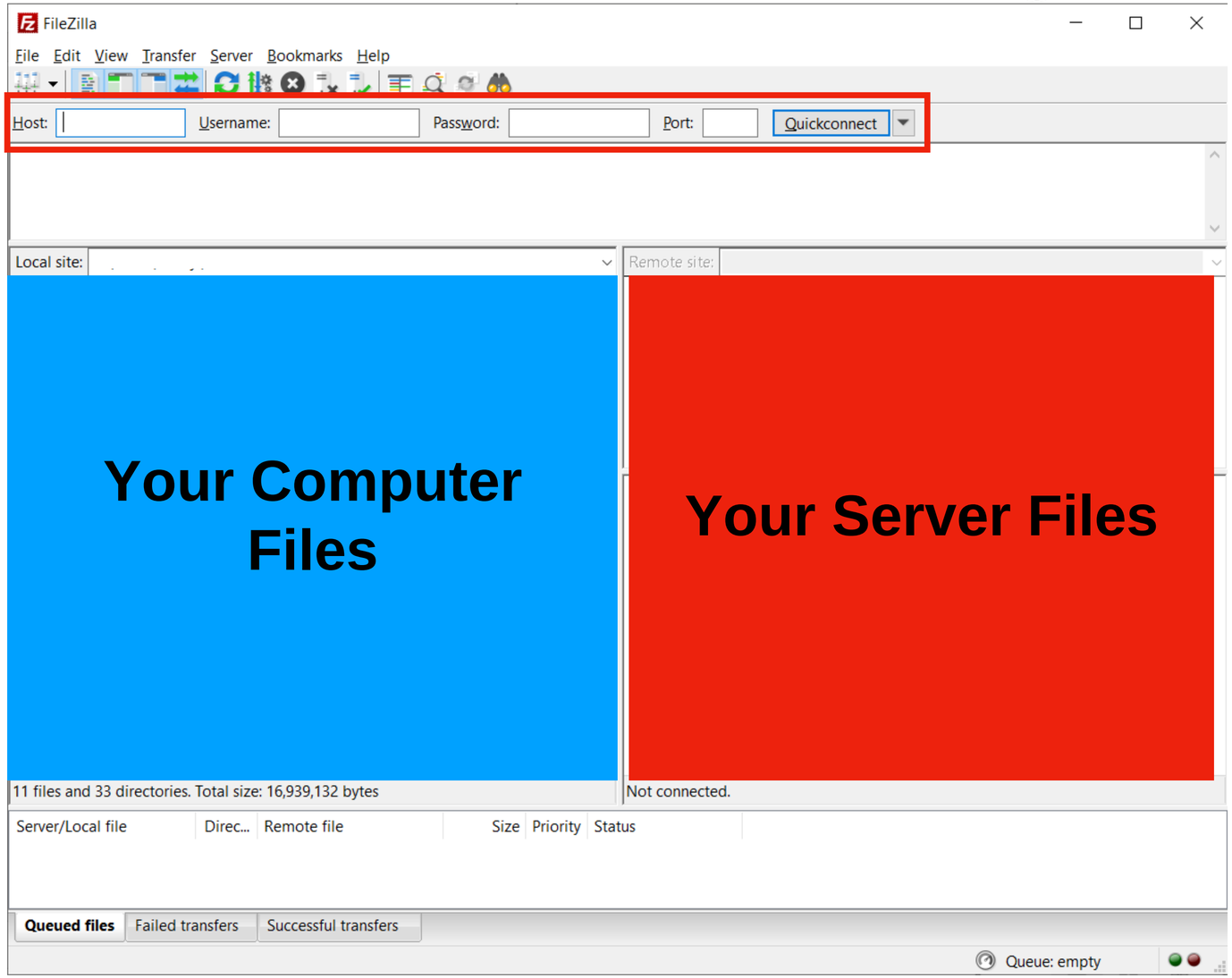


The left side of the screen is all the files on your computer and the right side of the screen will show the files on the server (once you get connected to the server)



Step 10

To connect to the server, we'll now be looking at the top part of the screen

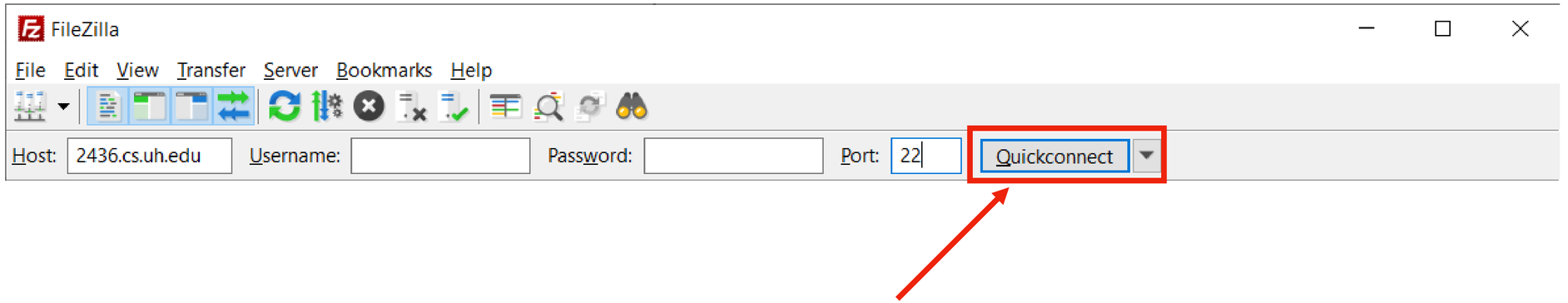


Step 11

To connect to the server enter the following in the fields at the top:

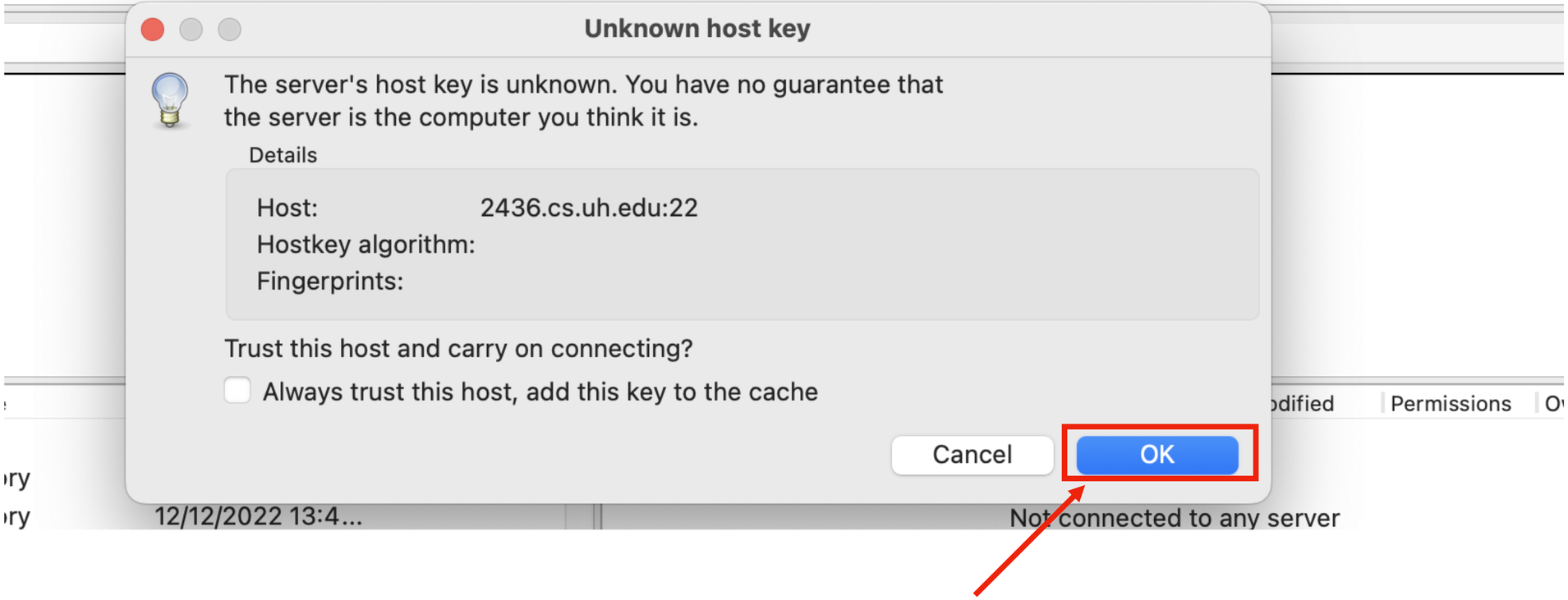
- **Host: 2436.cs.uh.edu**
- **Username: your server username**
- **Password: your server password**
- **Port: 22**

Then click “Quickconnect”



Step 12

If something like this pops up, just hit “OK”

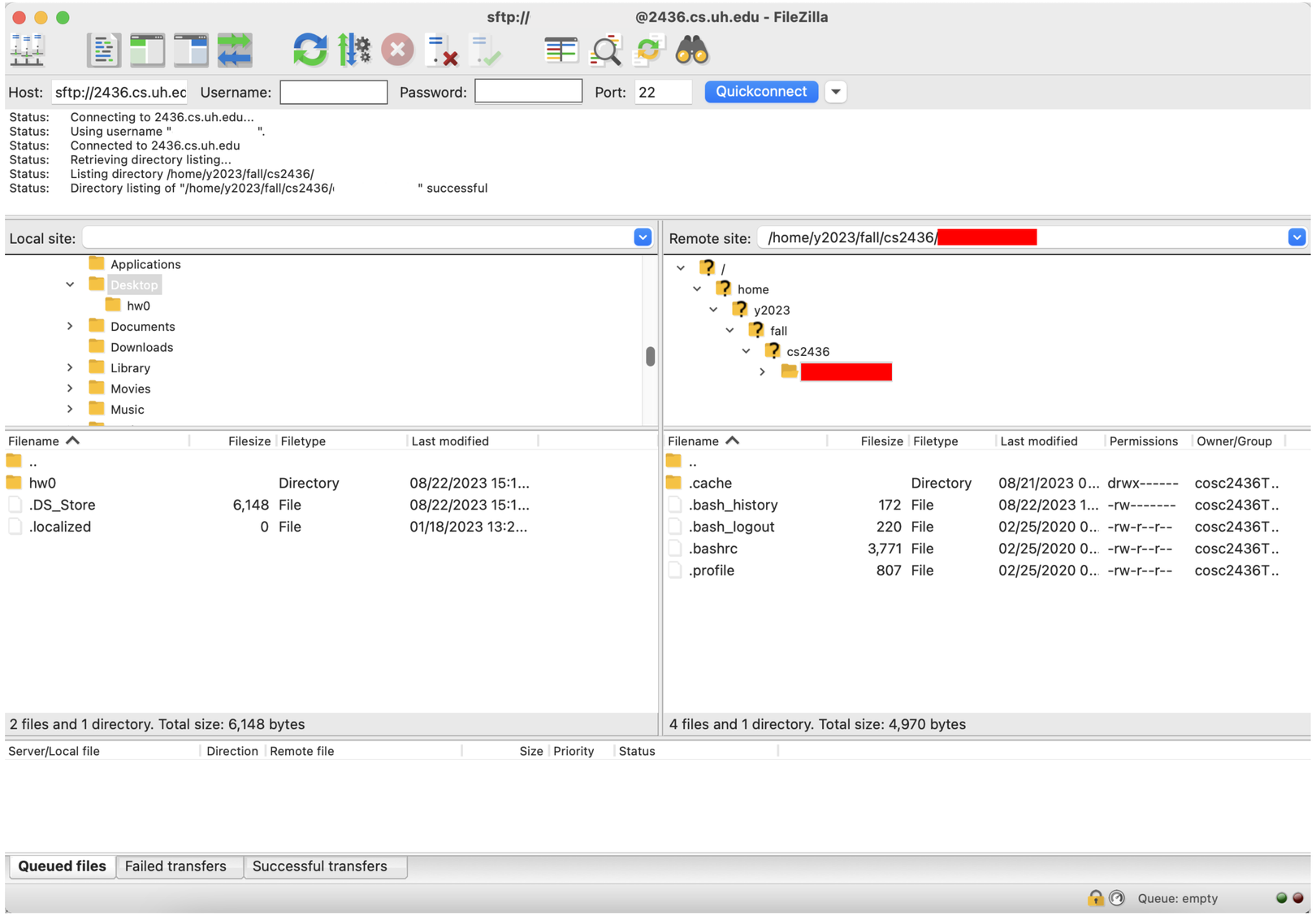


Step 13

We are now connected to the server and your screen should look something like this.

We can see the hw0 folder in our Desktop folder on our computer.

We can see our server account on the right side (the red bar represents where your username will be).

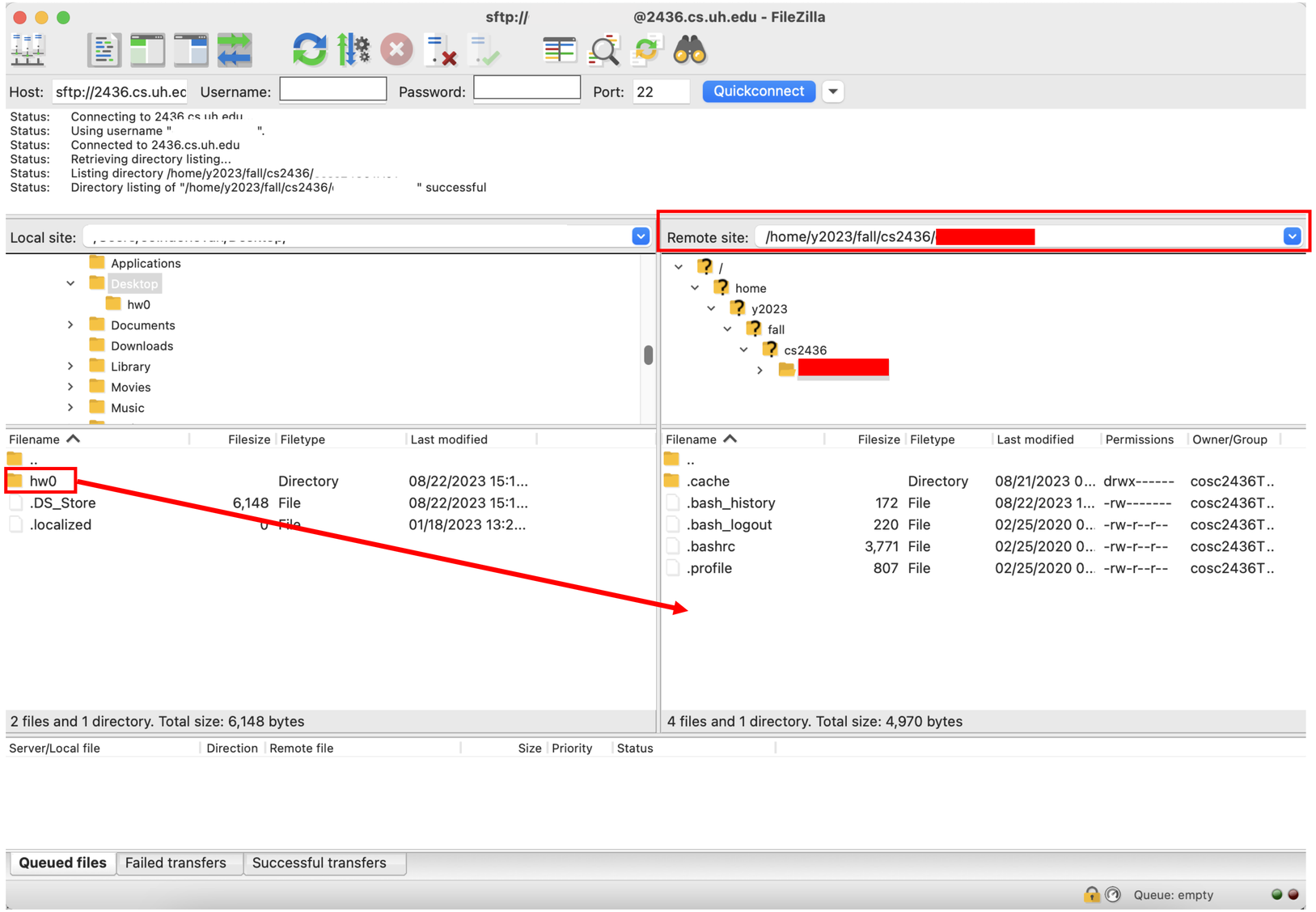


Step 14

To transfer the hw0 folder over to the server, we need to drag and drop it.

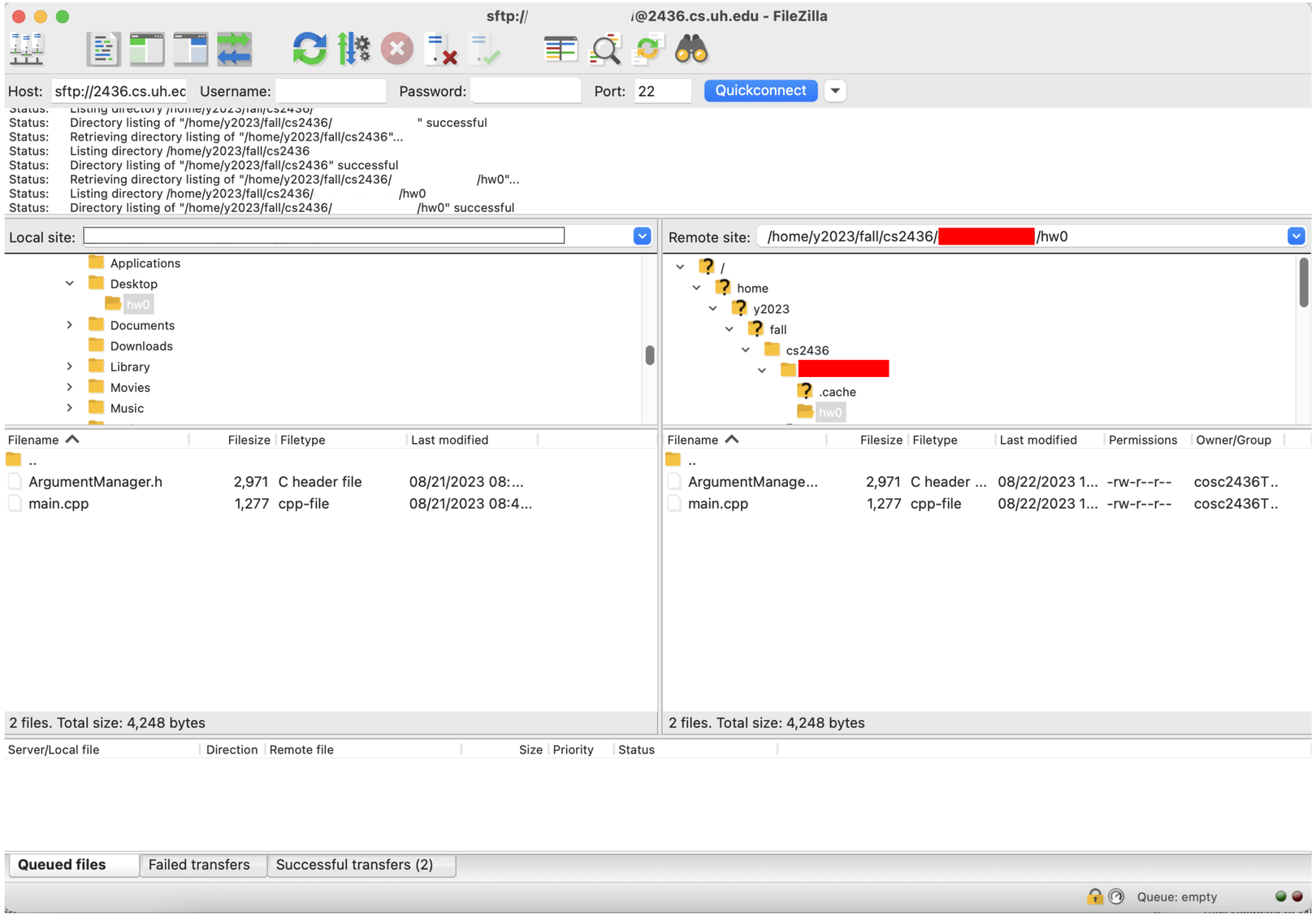
1. Go to your root directory on the server by making sure the “remote site” path ends with username

2. Drag and drop the hw0 folder from the left side to your server account on the right side.



We can now see that the hw0 folder has successfully been put under our root directory.

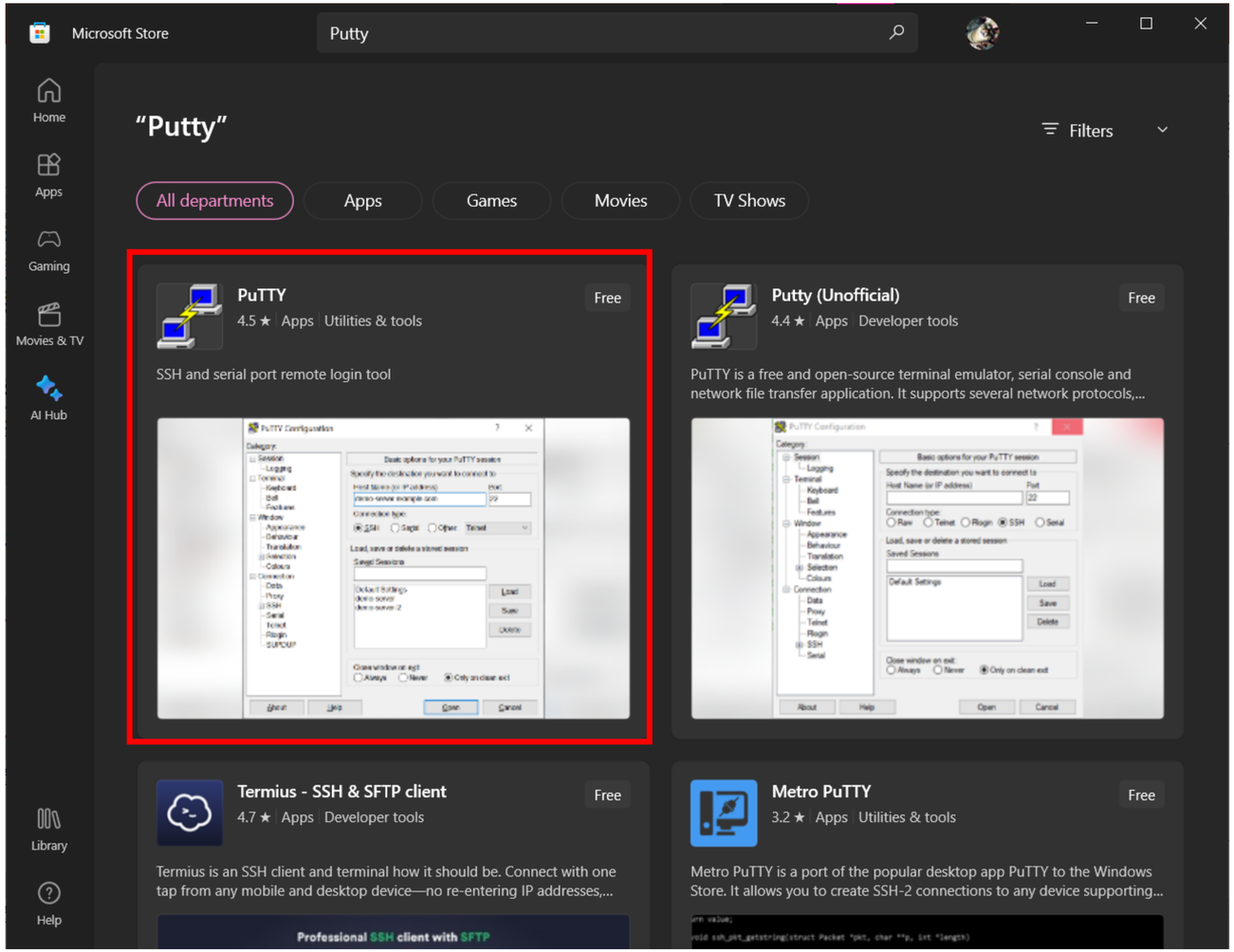
Next, we will log into the server from the terminal to change the permissions for the hw0 folder.



The next step will cover how to install Putty, if you already have it installed you can skip to Step 16.

Step 15: Installing Putty via Microsoft Store

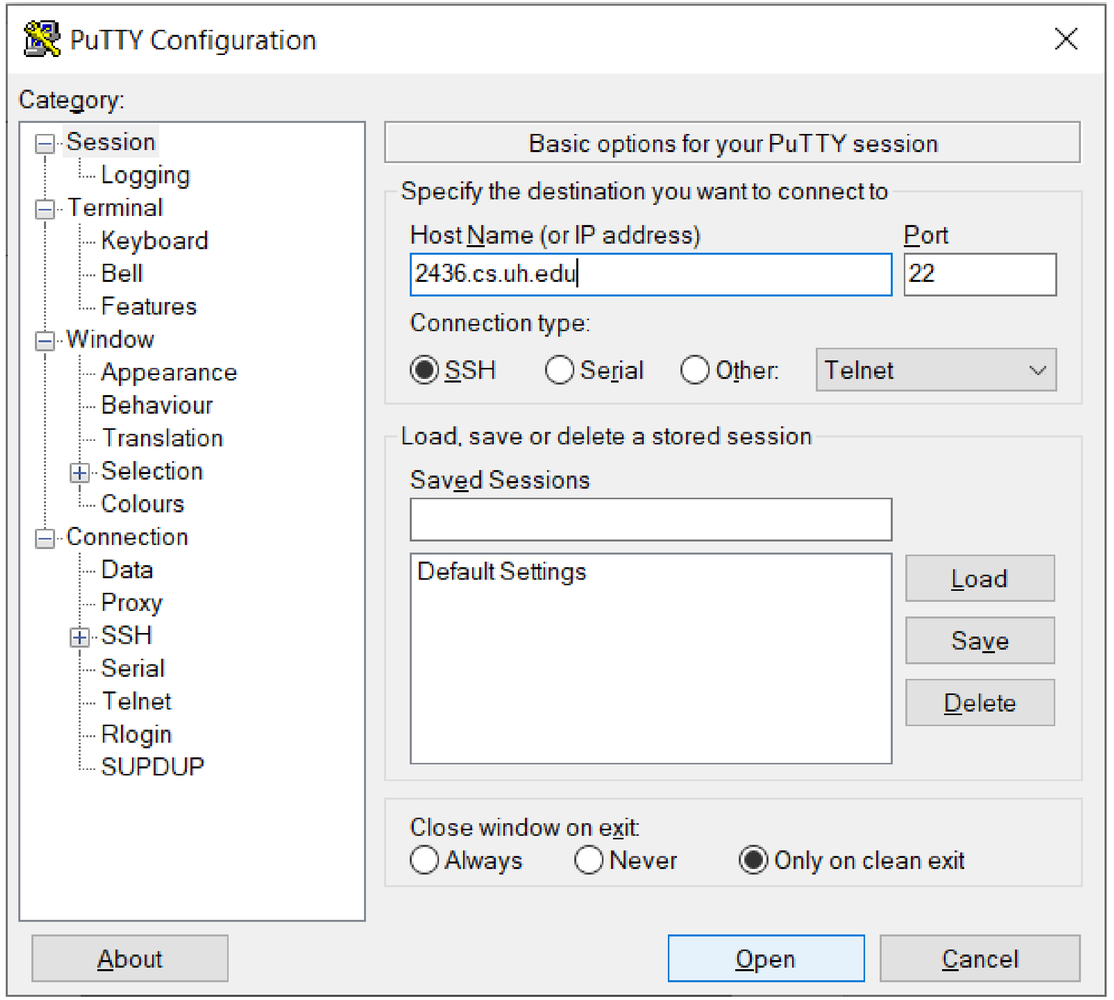
- Go to the Microsoft Store via the search bar
- Search Putty
- Click on the official PuTTY app
- Click “Install”
- Once installed, launch PuTTY



Step 16

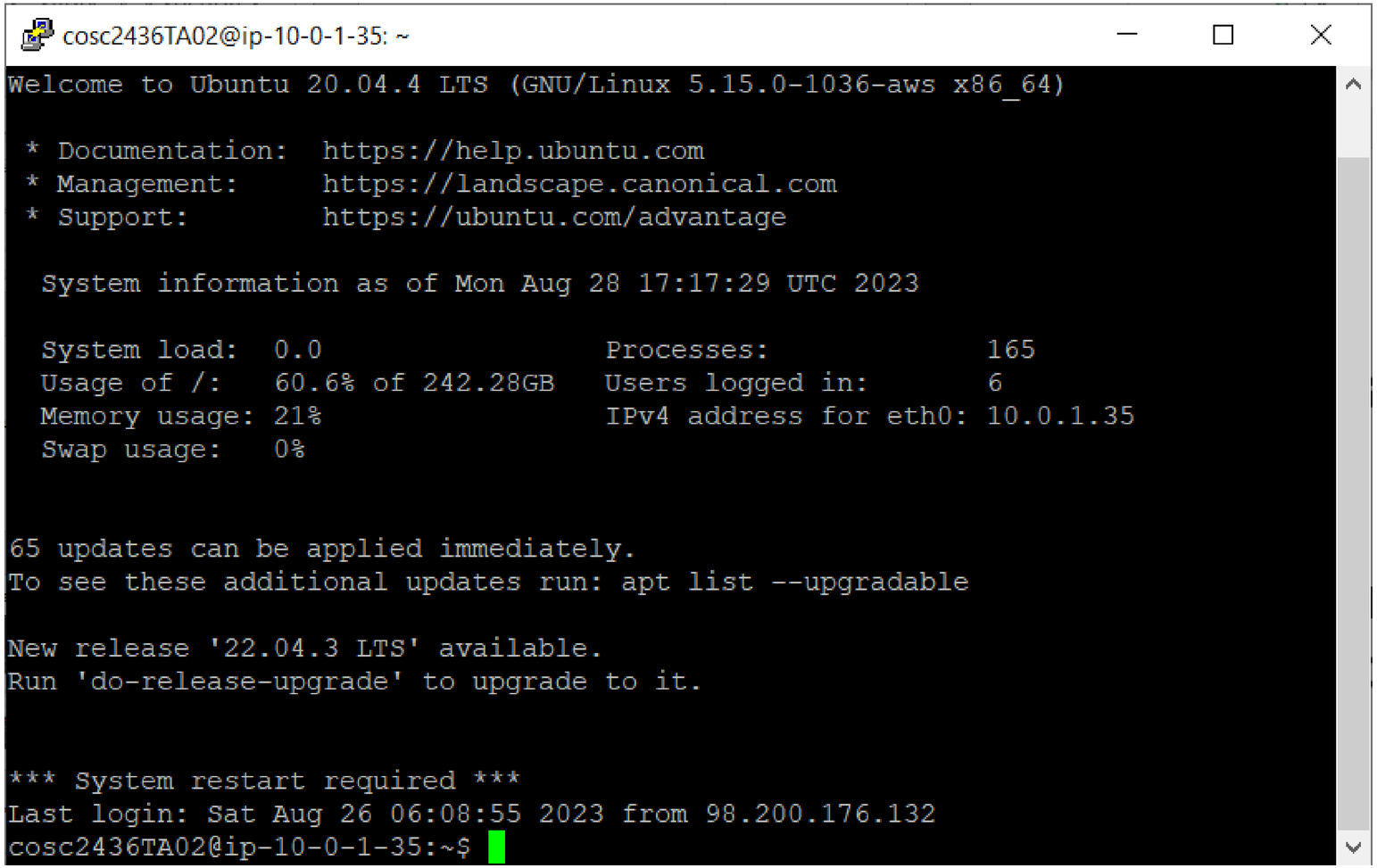
Open the Terminal application via Putty.

- Type 2436.cs.uh.edu for the hostname and click “Open”
- Type in your username
- Type in your password (it will not show as you type)



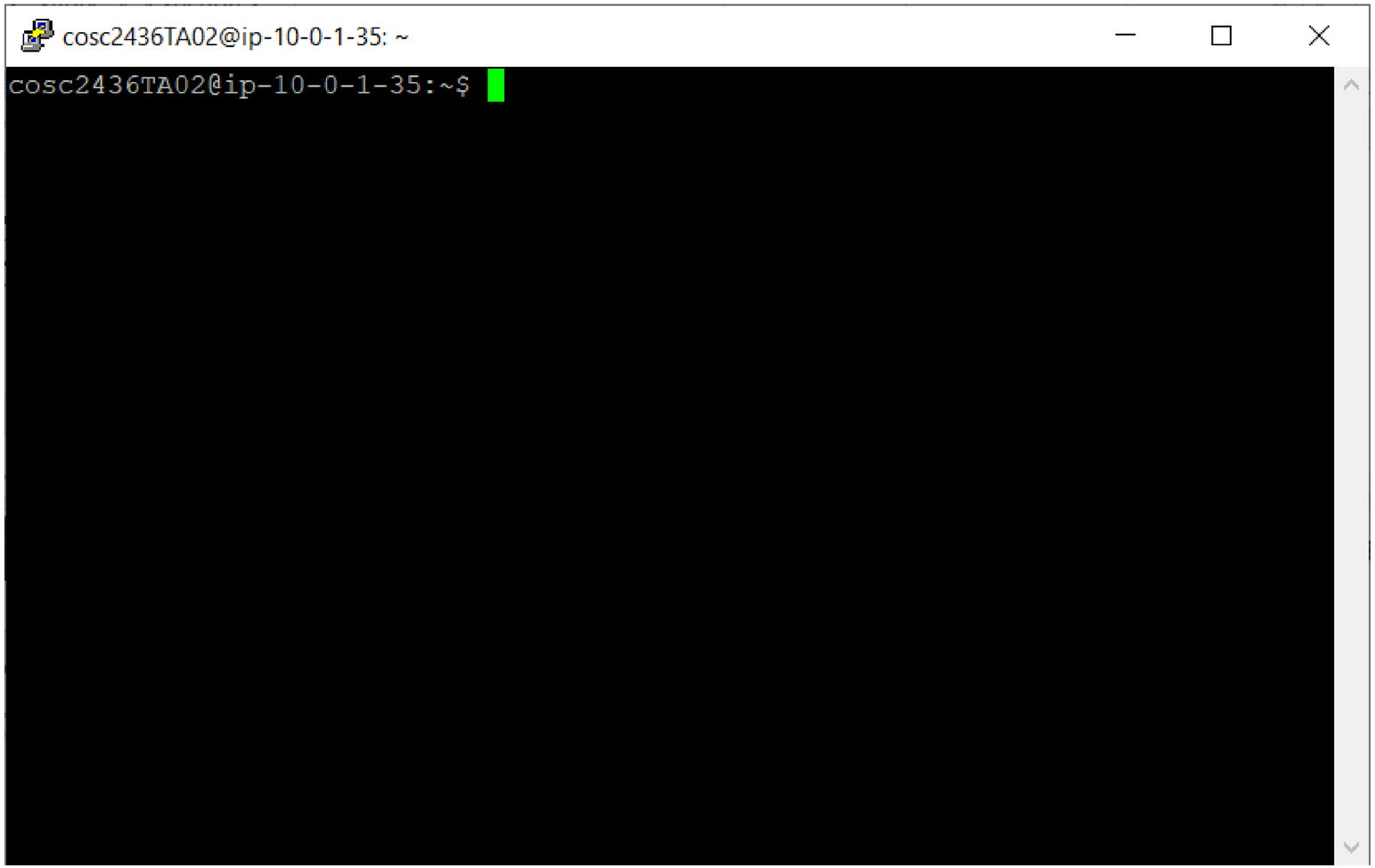
Step 17

Once you've logged in, your screen should something like this.



Step 18

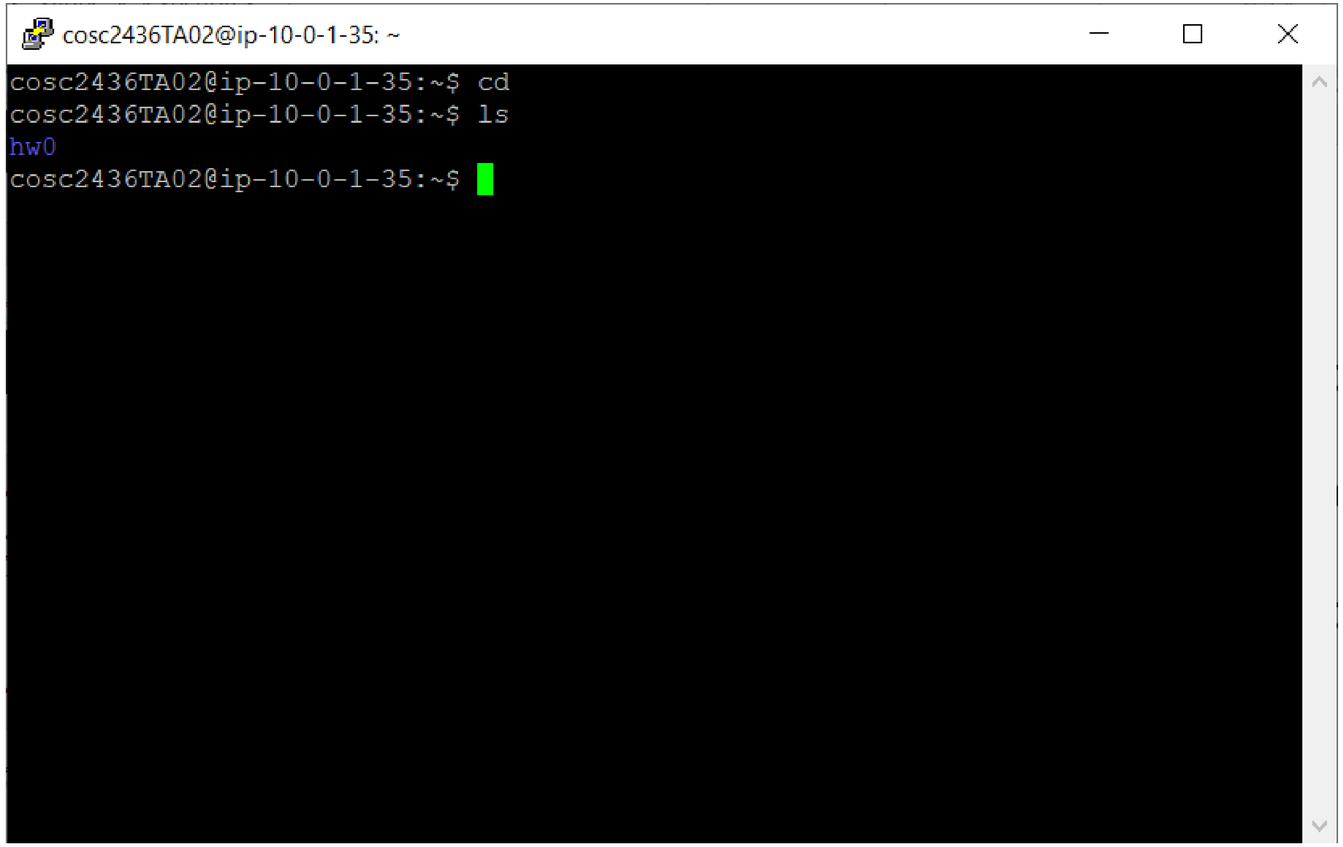
Enter the command “clear” to clear the screen.



Step 19

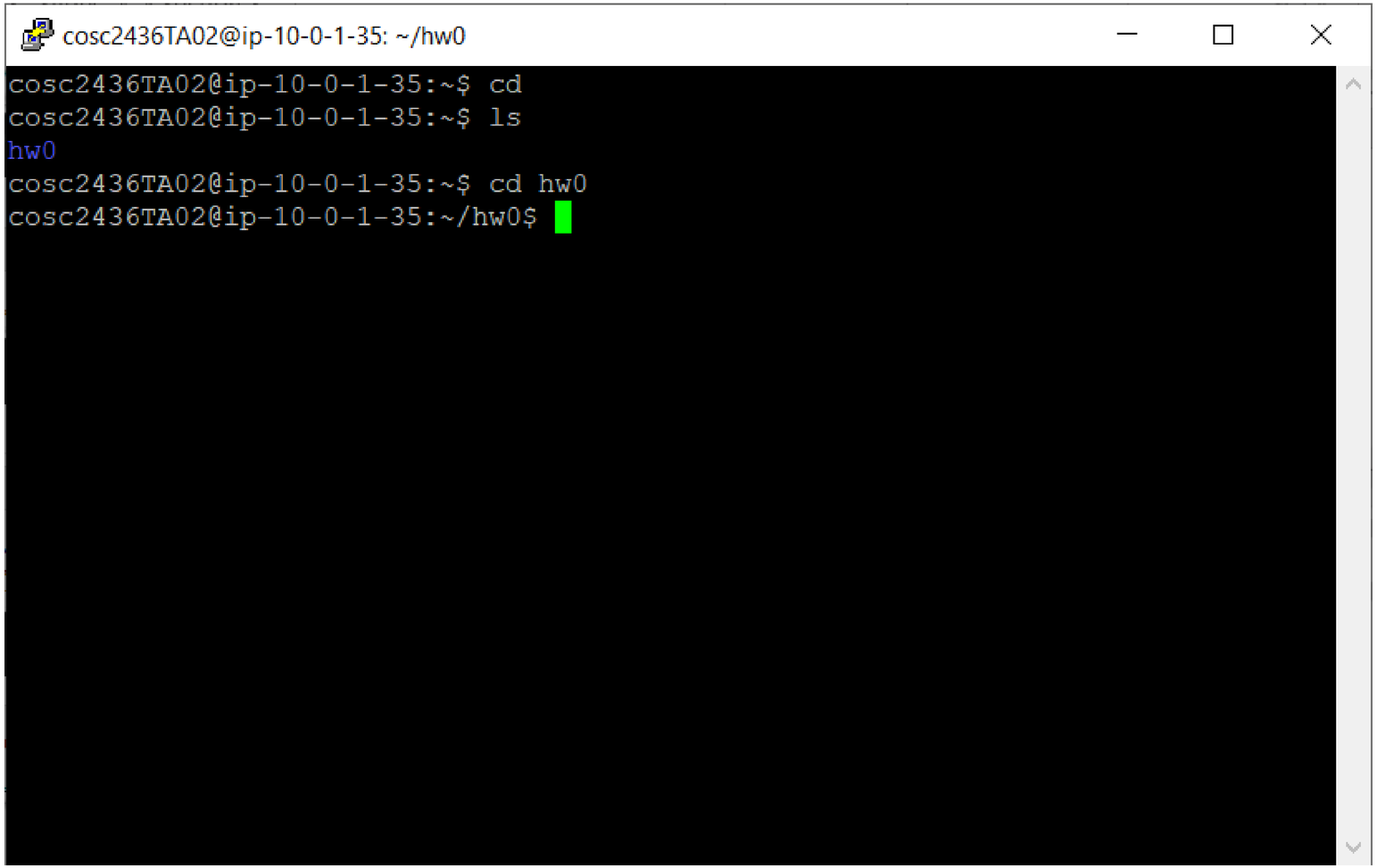
1. Enter “cd” to navigate to the root directory
2. Enter “ls” to see a list of folders/files in the root directory.

**Note: The root directory is the home folder. The path should end with your username.



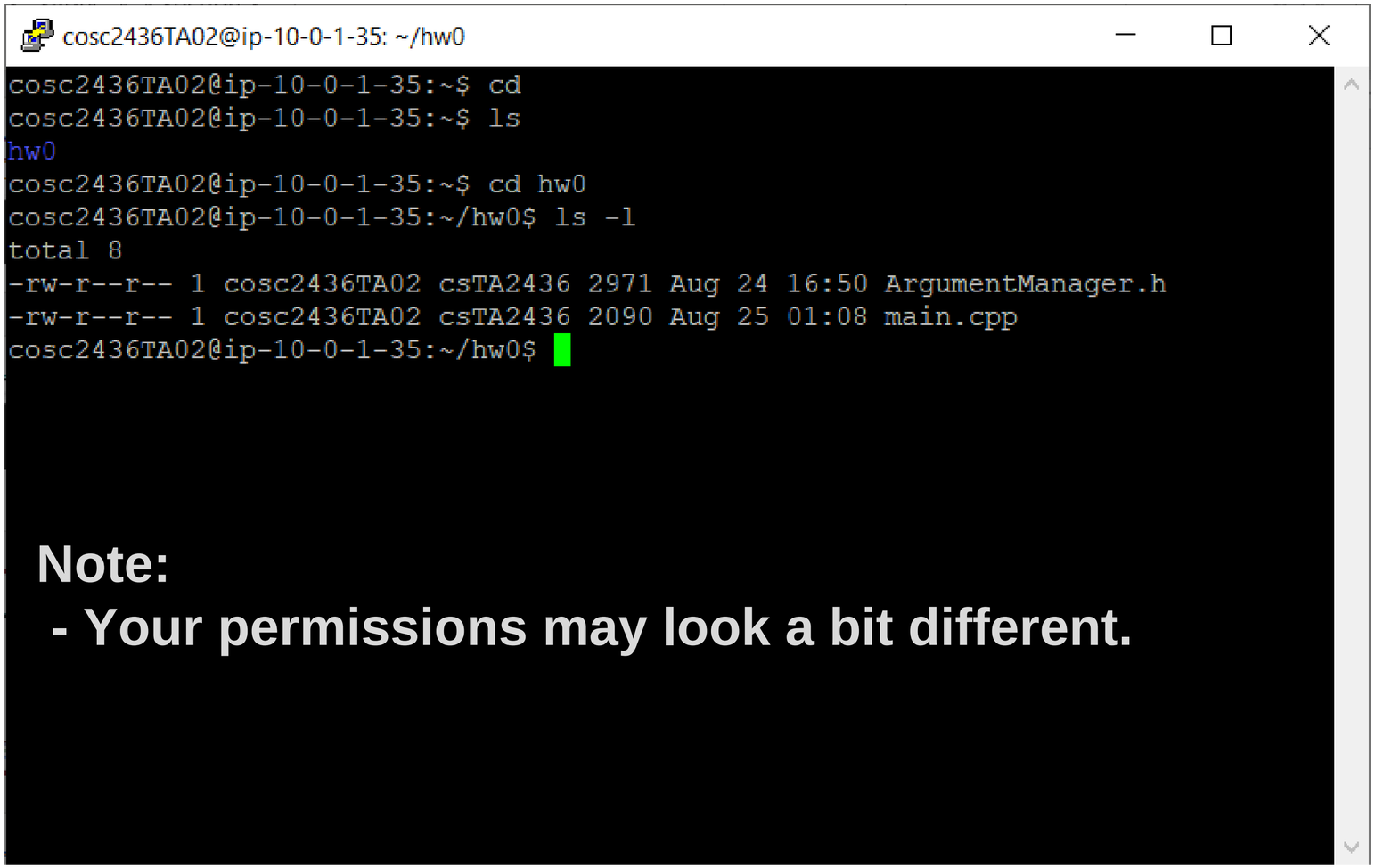
Step 20

Then enter the command “cd hw0” to go into the hw0 folder



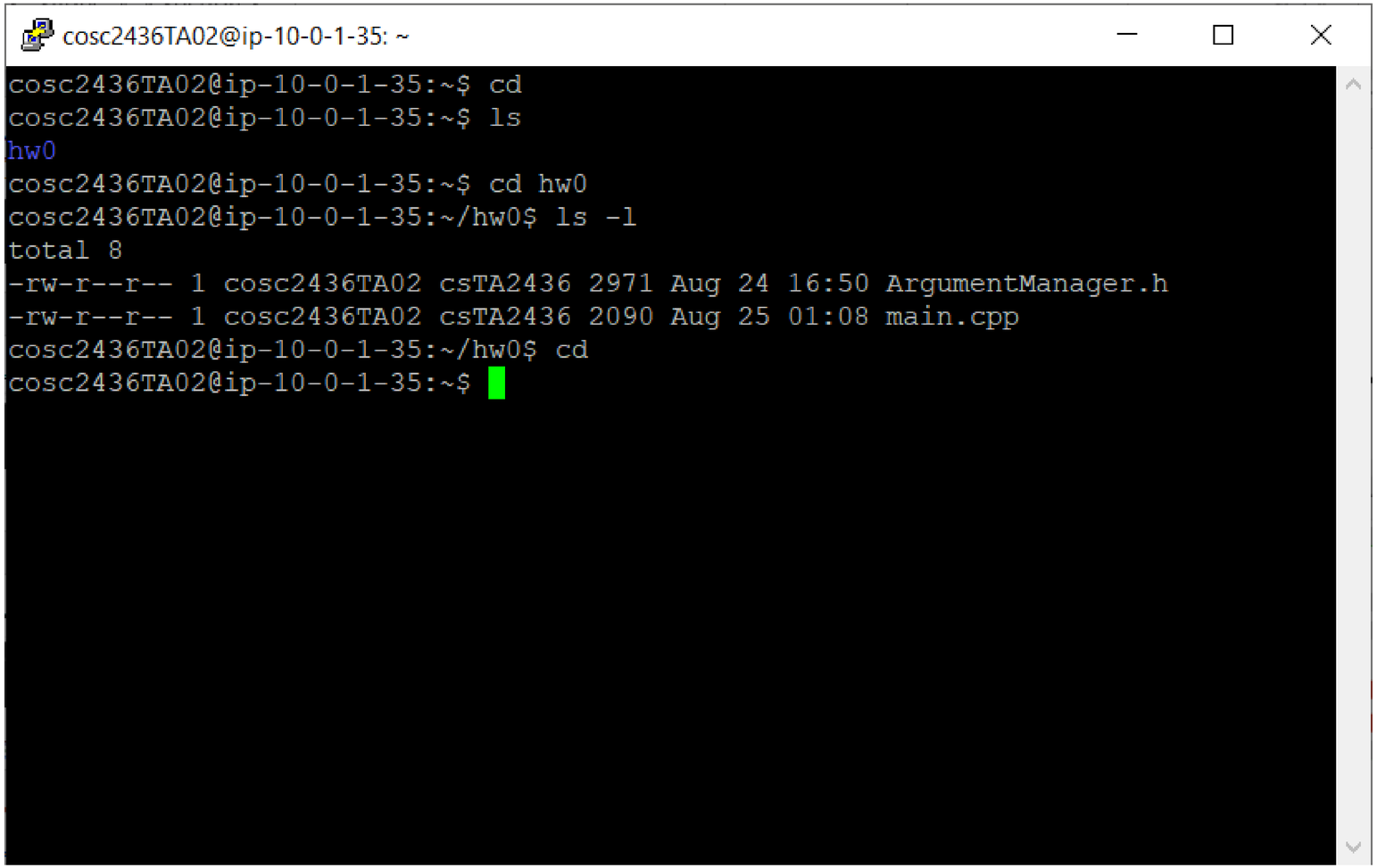
Step 21

Enter the command “ls -l” to view the permissions of the files in the folder.



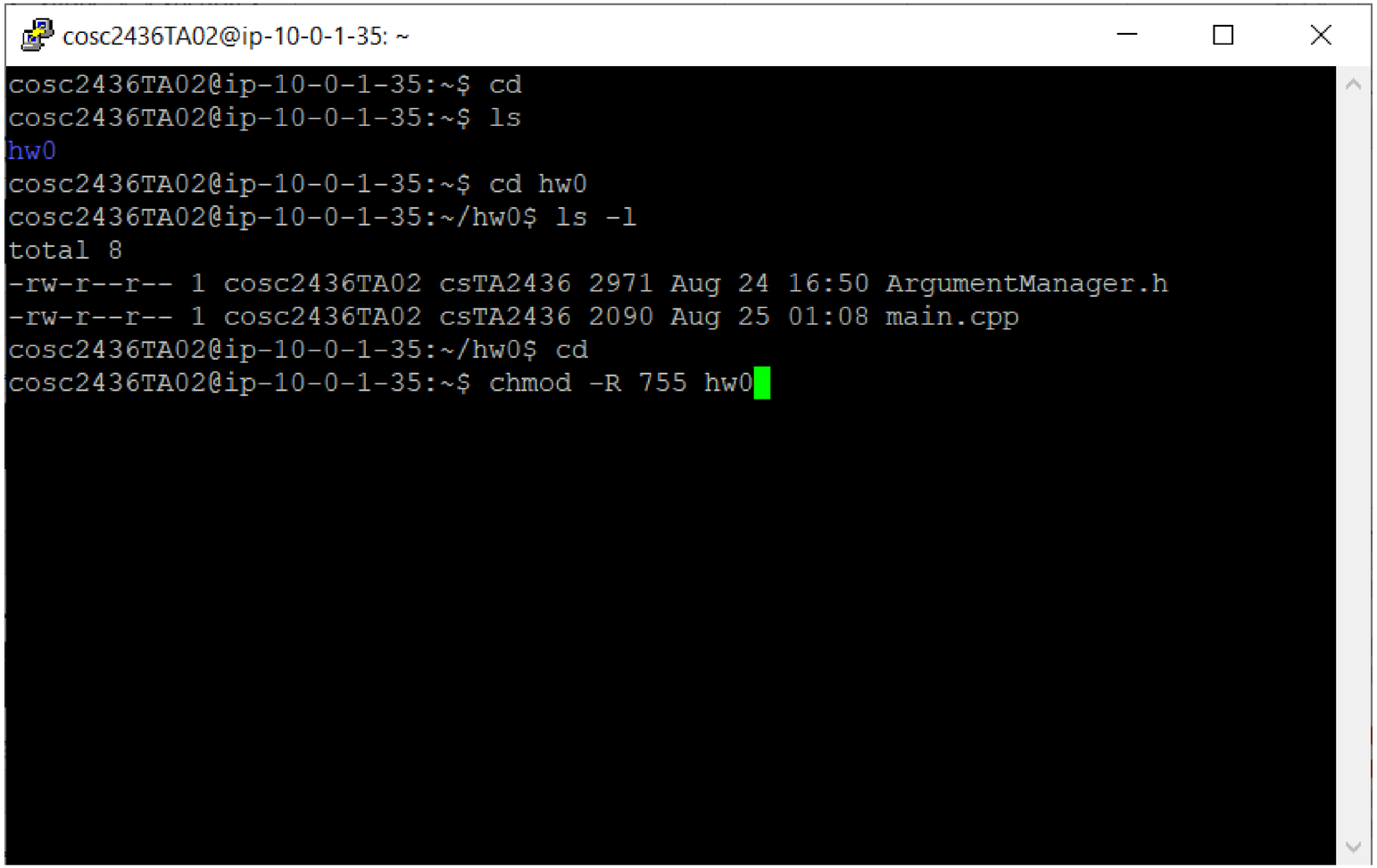
Step 22

We can then enter the command “cd” to go back to the root directory

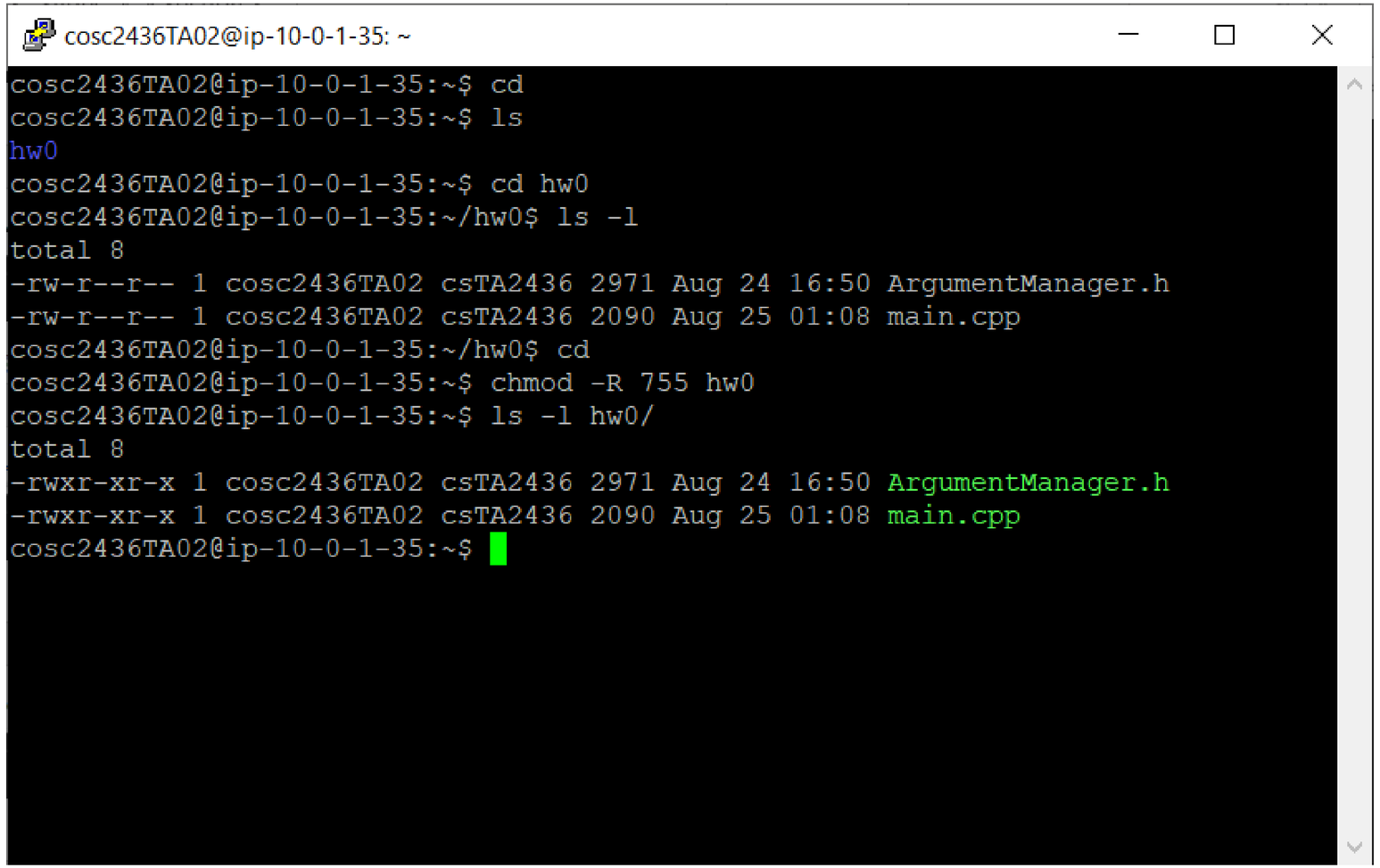


Step 23

To change the permissions of our hw0 folder, enter the command: chmod -R 755 folder_name



When we check the permissions of our hw0 folder again using the command “ls -l folder_name”, we see that we have the right permissions.



You’ve successfully uploaded files to the server! Let’s move onto testing your solution on the server! ☺