Mac Guide

For computer science students at Texas A&M University

Get Coding on your Mac

This guide is for students with mac computers and will hopefully help most of you write and test your programs at home. These slides will go over how to connect to and test on the A&M computer science servers.
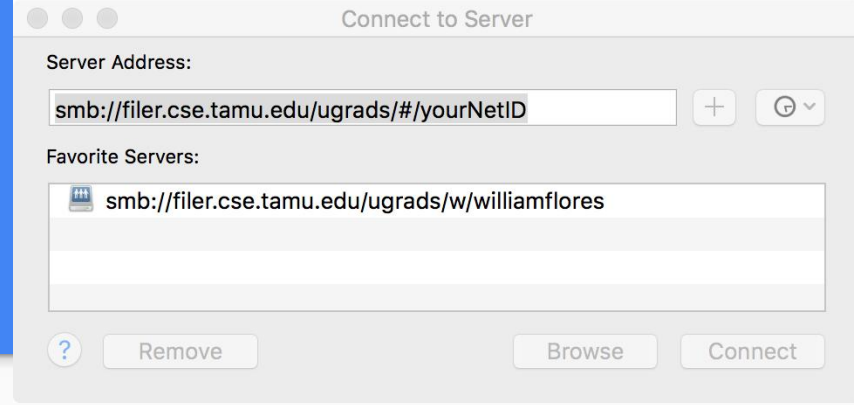
Note that these slides do NOT go over Xcode

VPN

If you want to build and test your programs at home, you will need to use a VPN to connect to the servers. If you are not on A&M wifi you will NOT be able to connect to the servers without a VPN.

[CLICK THIS LINK FOR INSTRUCTIONS ON HOW TO DOWNLOAD AND USE A&M'S VPN](#)

Mapping your H Drive

Connect to Server

Server Address:

smb://filer.cse.tamu.edu/ugrads/#/yourNetID

Favorite Servers:

smb://filer.cse.tamu.edu/ugrads/w/williamflores
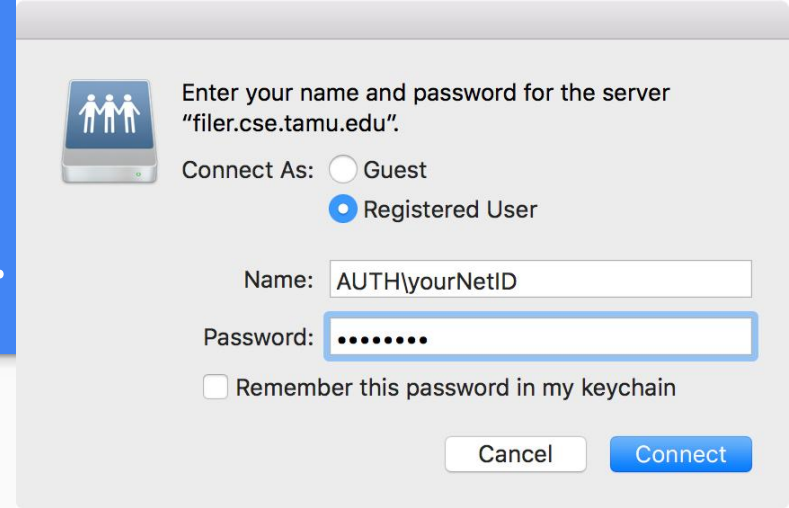
Remove **Browse** **Connect**

You can use Finder to access your H drive and move files and directories around just like you can on the computers in lab. To do this open a finder window and press command and k (⌘+k) at the same time. A window should pop up asking for an address. Type in the following address

"smb://filer.cse.tamu.edu/ugrads/#/yourNetID"

Where "#" is the first character of your net ID and "yourNetID" is your net ID (duh). An example can be seen above. Once done press "connect". For example, my netID is williamflores so my extension would be .../w/williamflores
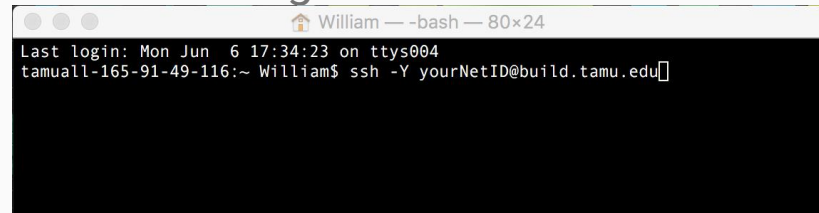
Mapping your H Drive cont.

Enter your name and password for the server "filer.cse.tamu.edu".

Connect As: ○ Guest
● Registered User

Name: AUTH\yourNetID

Password: ••••••••

☐ Remember this password in my keychain

Cancel   Connect

A new window should now pop up asking for your login info. NOTE this is not JUST your netID and password, you need to make sure you are entering your username as "AUTH\yourNetID" where "yourNetID" is simply your regular net ID to log in. It may not work correctly if you forget the "AUTH\". Hit connect and you will be able to see your H drive just as if you were on the computer in lab.

Connecting to Build with Terminal

Your Mac comes with an application called Terminal. Terminal essentially acts like putty on your own computer and allows your to manipulate files on your Mac just as you do on the servers. Terminal will also let you connect to the A&M servers just like putty does. To do this launch terminal from your applications and type the following command "ssh -Y yourNetID@build.tamu.edu" obviously replace "yourNetId" with your personal Net ID you use to log in. From there you should be able to log into the build server just as if you had logged in from putty.


```
Last login: Mon Jun  6 17:34:23 on ttys004
tamuall-165-91-49-116:~ William$ ssh -Y yourNetID@build.tamu.edu
```

What else?

That's really it, just download a text editor (Sublime text, textWrangler, etc) and you can start writing code, saving it to your H drive, and test it while connected to build with Terminal.

Roll Credits

I hope you found these slides helpful, feel free to link to these slides for any other computer science classes you take here at Texas A&M. Good luck to all of you, Thanks and Gig 'em.