

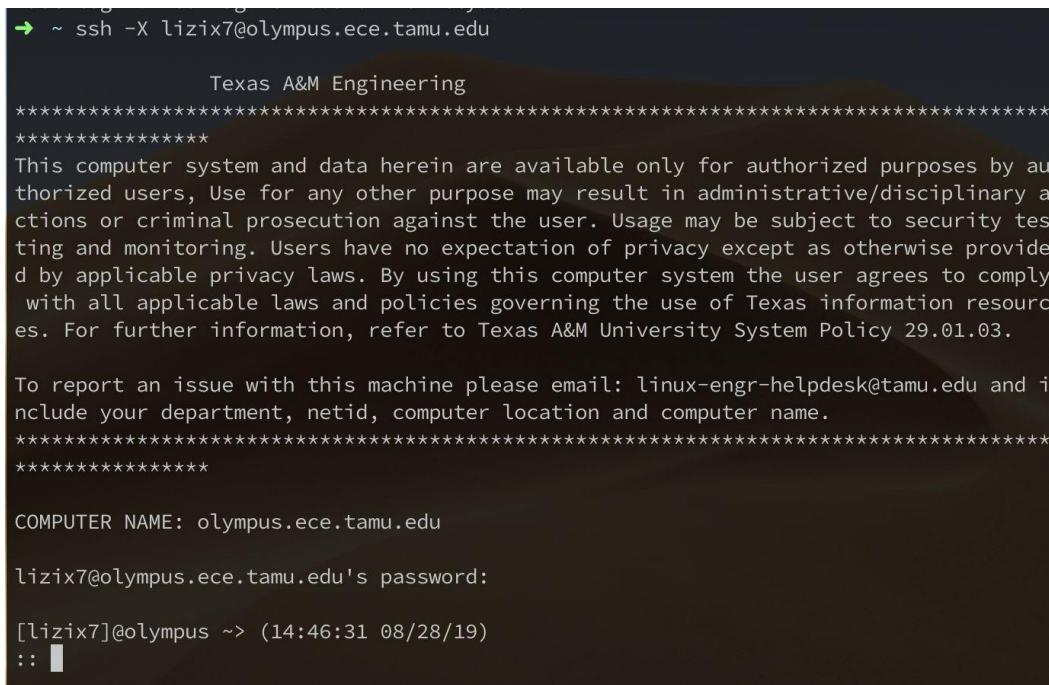
# How to access Vivado in Mac

1. Make sure your computer is using the TAMU network. If not, please follow the [instruction](#) and run the AnyConnect VPN client provided by the university.
2. Go to <https://www.xquartz.org/> to download XQuartz and install it.
3. Log out your Mac and log back in. Open the terminal.
4. Type the command:

```
ssh -X your_netid@olympus.ece.tamu.edu
```

If -X does not work well for you, try to use -Y instead. Make sure your VPN is connected to the TAMU network.

5. You will get a prompt asking for your password, type it and press Enter. After you successfully ssh to the Olympus server, it will look like Figure 1.



The screenshot shows a terminal window with a dark background. At the top, there is a red arrow icon followed by the text: ~ ssh -X lizix7@olympus.ece.tamu.edu. Below this, the terminal displays a standard Linux login banner for Texas A&M Engineering. It includes a copyright notice from 1995, a disclaimer about authorized use, and instructions for reporting issues. The text is in white and yellow on a black background. At the bottom of the banner, it says COMPUTER NAME: olympus.ece.tamu.edu. Following the banner, there is a password prompt: lizix7@olympus.ece.tamu.edu's password: and a timestamp: [lizix7]@olympus ~> (14:46:31 08/28/19). A cursor is visible at the end of the timestamp line.

Figure 1. SSH to Olympus

6. Next, you need to dive deeper. Type:

```
load-ecen-248
```

7. This will automatically assign you a node in one of the servers, Figure 2 shows an assignment to node n01-zeus.

```
[lizix7]@olympus /> (19:13:45 03/12/20)
::: load-ecen-248

[lizix7]@n01-zeus /> (19:13:49 03/12/20)
```

Figure 2. Assigned to a node

8. You are all set! You can start working on your ECEN 248 labs! On the Olympus server, the version of Vivado is 2022.1. The command is as follows:

```
source /opt/coe/Xilinx/Vivado/2022.1/settings64.sh
```

Then enter and type:

```
vivado
```