

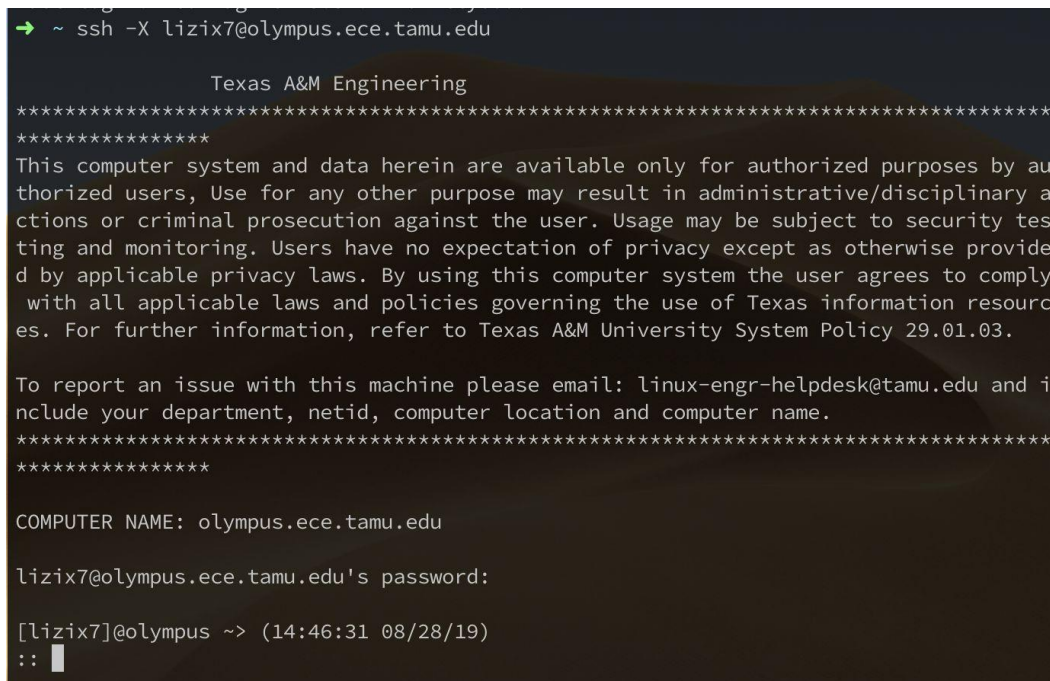
# How to access Vivado in Mac

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.

A terminal window showing an SSH session. The prompt is '~ ssh -X lizix7@olympus.ece.tamu.edu'. The output shows the 'Texas A&M Engineering' banner with a disclaimer about authorized use and privacy. It then prompts for the computer name (olympus.ece.tamu.edu) and the user's password. The session is established, showing the prompt '[lizix7]@olympus ~>' and the time '(14:46:31 08/28/19)'.

```
➔ ~ ssh -X lizix7@olympus.ece.tamu.edu

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*****
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To report an issue with this machine please email: linux-engr-helpdesk@tamu.edu and i
nclude your department, netid, computer location and computer name.
*****
*****

COMPUTER NAME: olympus.ece.tamu.edu

lizix7@olympus.ece.tamu.edu's password:

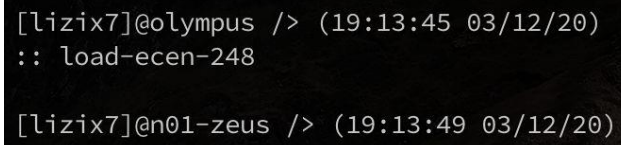
[lizix7]@olympus ~> (14:46:31 08/28/19)
:: █
```

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.

A terminal window with a dark background. The first line shows the prompt [lizix7]@olympus /> (19:13:45 03/12/20) followed by the command :: load-ecen-248. The second line shows the prompt [lizix7]@n01-zeus /> (19:13:49 03/12/20).

```
[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
```