What computer to use?

1. You can use the Khoury cloud servers which run Linux
   - Much development in companies is done in the cloud on Linux
   - You can use this class to learn now how to use cloud servers and github repositories
   - Employers like using cloud servers, because it allows them to provision and control the development environment

2. You can use your Mac or Windows laptop

3. You can use cloud computing
   - AWS or GCP
   - Repl.it

If you use the Khoury cloud servers

You will use your CIS/Khoury username and connect (via `ssh`) to

yourusername@login.khoury.northeastern.edu

If you do not have an Khoury account try
https://my.khoury.northeastern.edu/account/apply

or contact khoury-systems@northeastern.edu

Once you have logged in, you will be running on a Linux machine
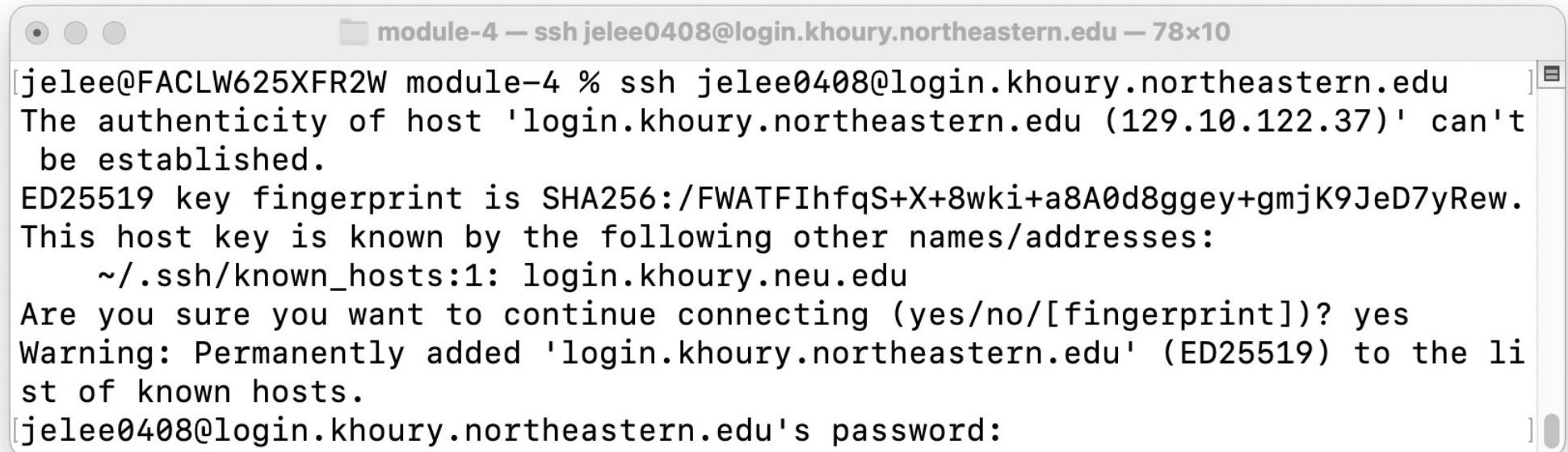
Connecting to Khoury Cloud

Mac Users

https://northeastern.service-now.com/tech?id=csm_nu_kb_article&sys_id=b519765adb12905062cdf9051d961992

Connecting to Khoury Cloud: Mac Users

Step 1: Open a terminal on your computer.

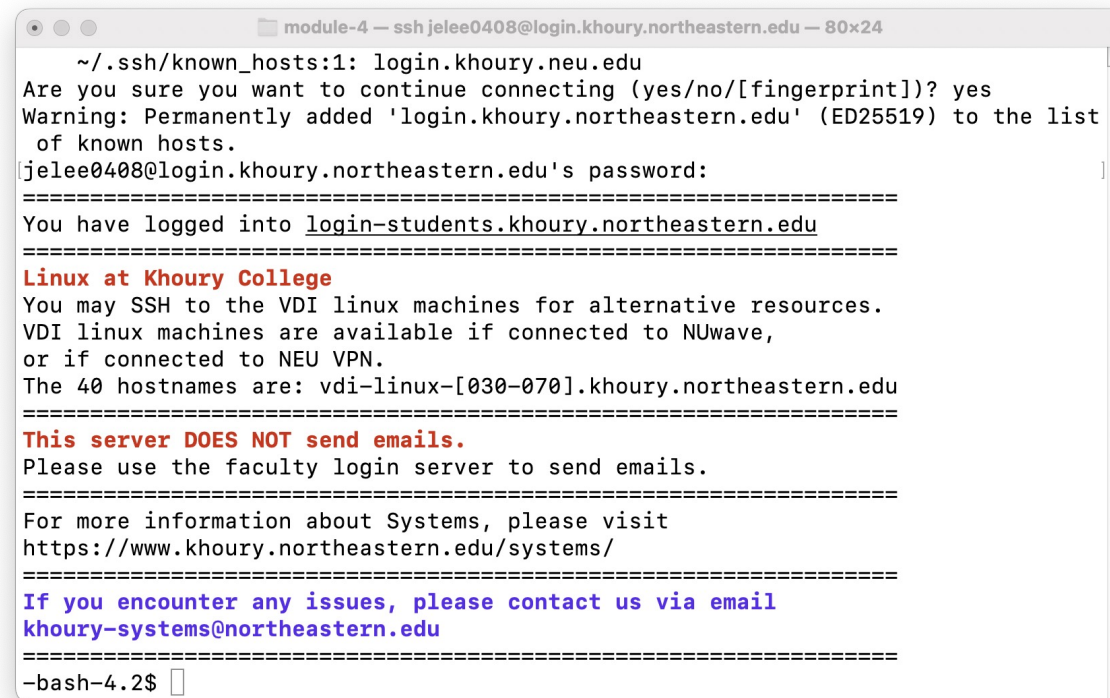**Step 2:** Type in the following line and then hit enter
`ssh `**[your username]**`@login.khoury.northeastern.edu`

```
[jelee@FACLW625XFR2W module-4 % ssh jelee0408@login.khoury.northeastern.edu
The authenticity of host 'login.khoury.northeastern.edu (129.10.122.37)' can't
 be established.
ED25519 key fingerprint is SHA256:/FWATFIhfqS+X+8wki+a8A0d8ggey+gmjK9JeD7yRew.
This host key is known by the following other names/addresses:
    ~/.ssh/known_hosts:1: login.khoury.neu.edu
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'login.khoury.northeastern.edu' (ED25519) to the li
st of known hosts.
[jelee0408@login.khoury.northeastern.edu's password:
```

module-4 — ssh jelee0408@login.khoury.northeastern.edu — 78×10

Connecting to Khoury Cloud: Mac Users

- **Step 3:** Once you hit enter, you will be prompted to enter your password. As you type your password, nothing will show up in the terminal which is normal. Hit enter to fully login into the Linux machine. Once you are fully logged in, you will see the following screen.

Connecting to Khoury Cloud

Windows Users

https://northeastern.service-now.com/tech?id=csm_nu_kb_article&sys_id=b519765adb12905062cdf9051d961992

Connecting to Khoury Cloud: Windows Users

Step 1: Download the PuTTY terminal emulator here:
https://www.putty.org

Connecting to Khoury Cloud: Windows Users

Step 2: Open PuTTY and navigate to configuration settings. Once you get to the PuTTY configuration settings, enter the following:

- "login.khoury.northeastern.edu" into the Host Name text entry box
- 22 into the Port text entry box
- Check that the connection type is "SSH"

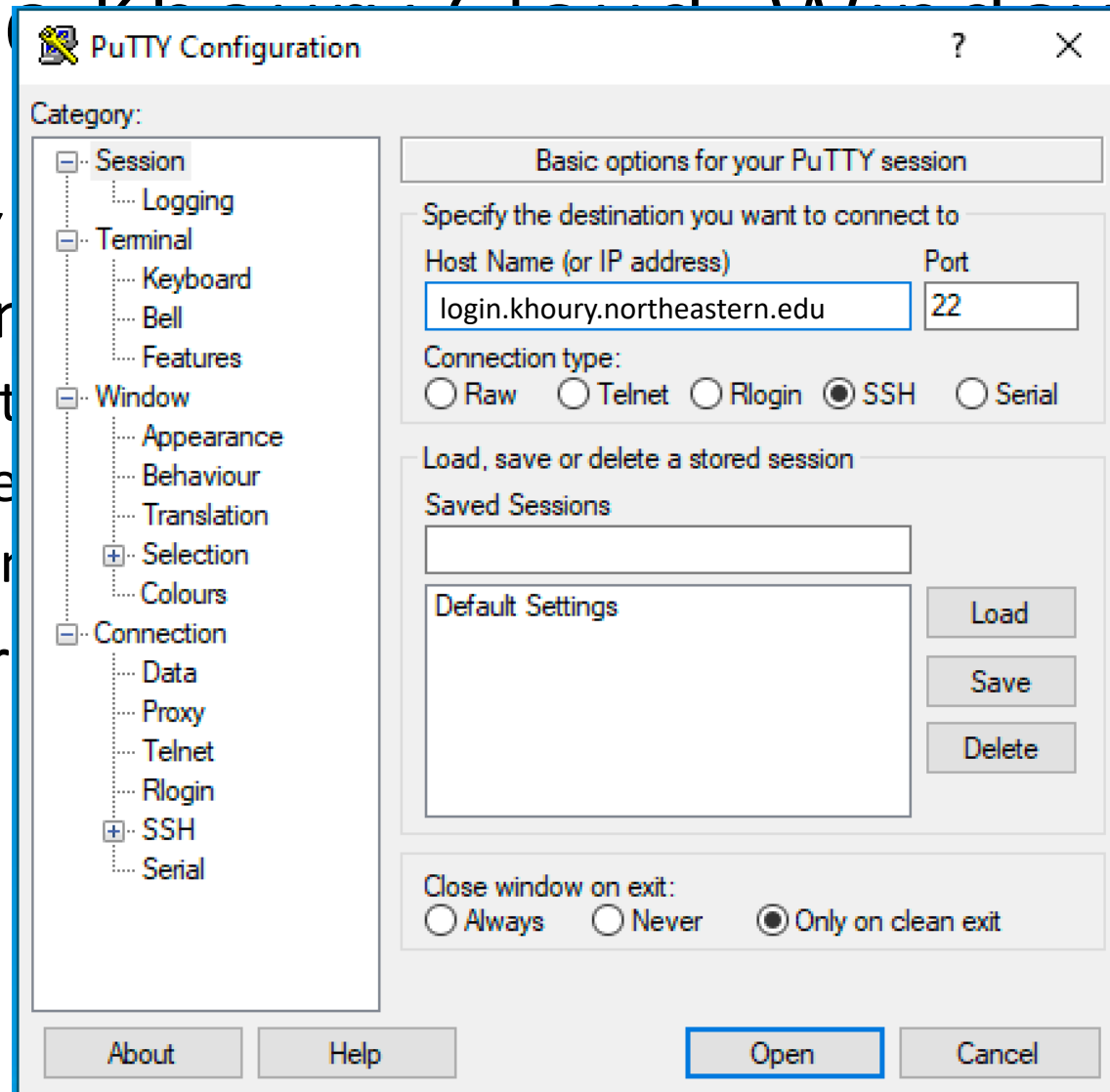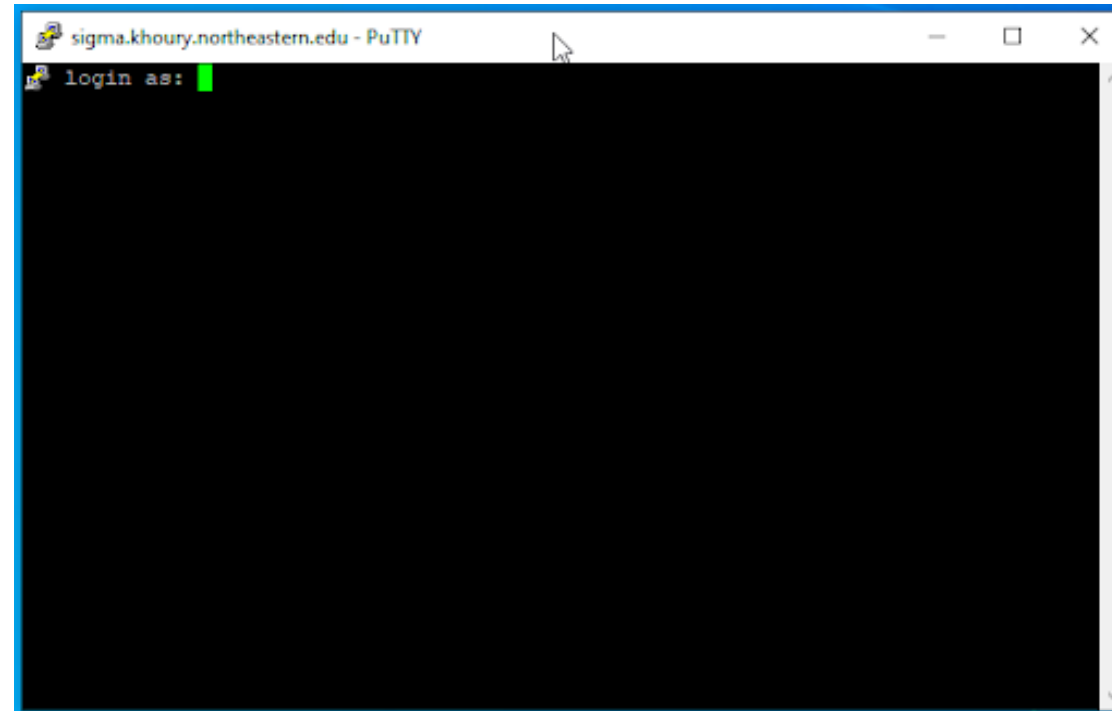Your PuTTY configurations should look like the following:

Connecting to Khoury Cloud-Windows Users

Step 2: Open PuTTY ___. Once you get to the PuTTY con___g:

- "login.khoury.nort___ box
- 22 into the Port te___
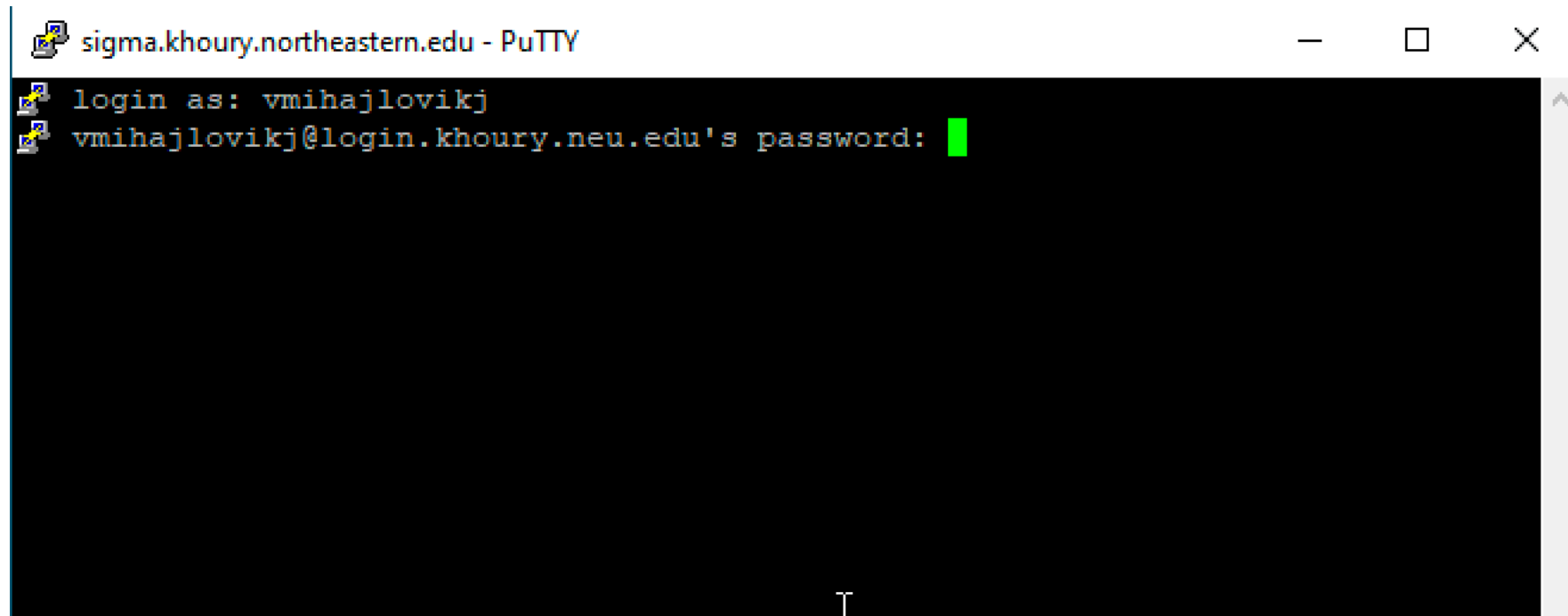- Check that the con___

Your PuTTY configu___

Connecting to Khoury Cloud: Windows Users

Step 3: Click open, and it should open a terminal like the following:

Connecting to Khoury Cloud: Windows Users

Step 4: Enter your CIS/Khoury username. Once you hit enter, you will be prompted to enter your CIS/Khoury password. As you type your password, nothing will show up in the terminal which is normal. Hit enter to fully login into the Linux machine.


```
sigma.khoury.northeastern.edu - PuTTY

login as: vmihajlovikj
vmihajlovikj@login.khoury.neu.edu's password:
```

Connecting to Khoury Cloud: Windows Users

Once you are fully logged in, you will see the following screen.

Done! You have successfully ssh'd into the Linux machine!