# CMSC5743 Lab 0: Warmup

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# How to use Linux Server of CSE

#### Prestep: Connect to CSE VPN

- If you are out of CUHK campus,
  - Connect to CSE VPN first!
- Install OpenVPN Connect Client
- Windows & MacOS: use browser and download the client from https://openvpn.cse.cuhk.edu.hk
- Android & IOS: Install OpenVPN Connect client from App Store
  - Google Play Store
  - Apple App Store
- Linux: Connecting to Access Server with Linux

## Connect to CSE VPN: Import Profiles

- Execute OpenVPN Connect Client
- Click Import Profile
- Enter URL: https://openvpn.cse.cuhk.edu.hk
- Click Next
- Enter your CSE UNIX Account and Pasword
- Click Import



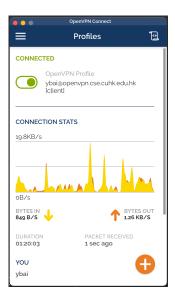
#### Download User-lock Profiles





#### Connect to CSE VPN Server

- Execute OpenVPN Connect
- Select the profile to connect
- Enter your CSE Unix Account and Password
- Clik OK

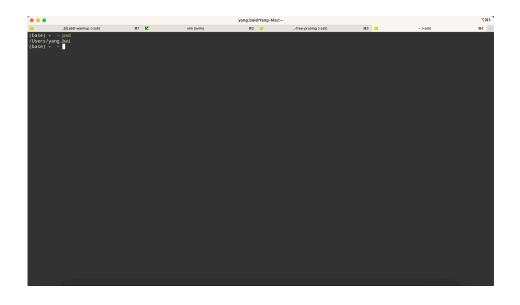


#### Download Putty for SCP on Windows

Firstly, we should download Putty, which is used as a tool for our connection.
Download Link



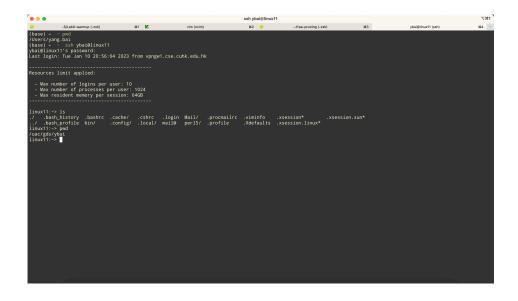
## Using Terminal for SCP on MAC OS



#### Connect CSE VPN

- Access Server URL: ssh [Username]@linux11
- [Username]: CSE UNIX username
- Password: CSE UNIX password

### Using Username and Password to Login



#### Git command-line interface

- git help <command>: get help for a git command
- git init: creates a new git repo, with data stored in the .git directory
- git status: tells you what is going on
- git add <filename>: adds files to staging area
- git commit: creates a new commit
- git log: shows a flattened log of history
- git log –all –graph –decorate: visualizes history as a DAG
- **git diff <filename>:** show changes you made relative to the staging area
- git diff <revision> <filename>: shows differences in a file between snapshots
- git checkout <revision>: updates HEAD and current branch

# **THANK YOU!**