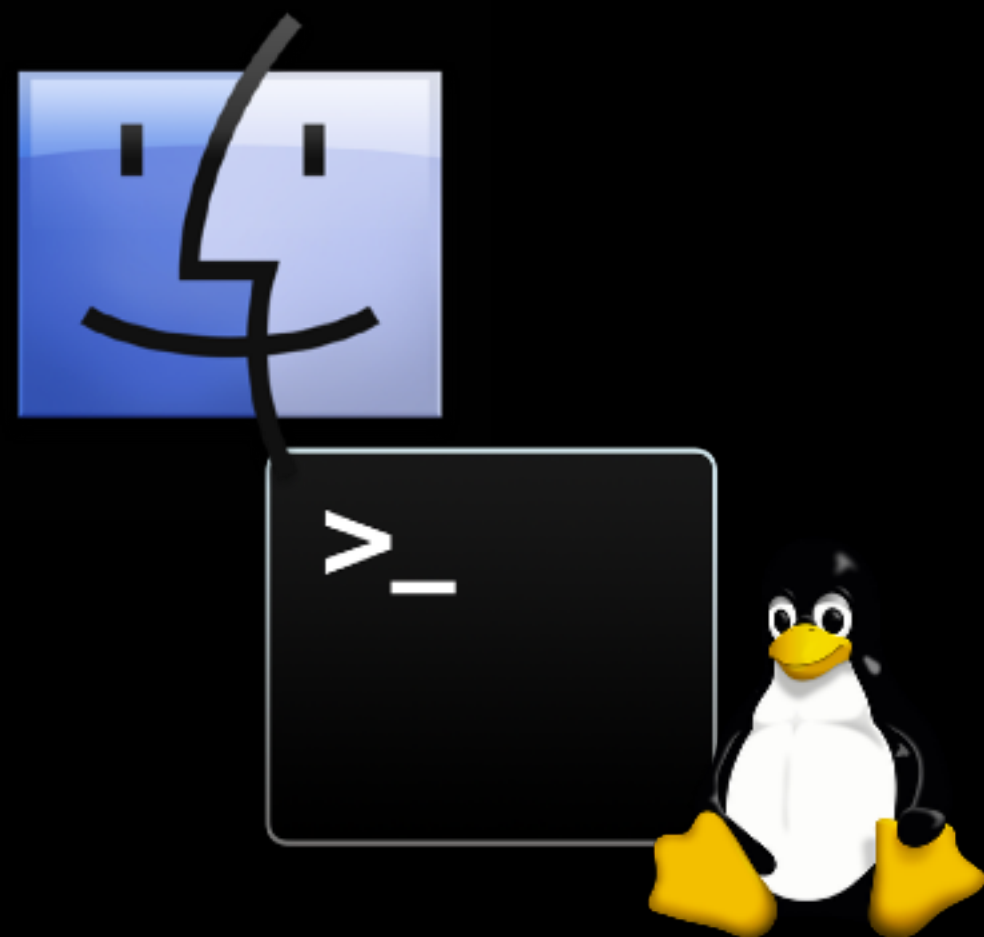# Things that are the same

- To use the supercomputer, you'll need to be connected to a UMN network

  - If off campus, use VPN to connect.

- Logging into MSI is the same: If on a mac or linux, use **terminal** and ssh. If on a PC, use **PuTTy**.

`ssh login.msi.umn.edu -l yourx500`

Things that are the same

- The supercomputer has a few computing clusters. The one I most frequently use is **Mesabi**, but **Mangi** is also an option. Other clusters have a graphic user interface, which is comforting, but those clusters generally have fewer resources available.

```
ssh mesabi
```

(you'll need to enter your x500 password again)