More SSH

SSH Hostname Aliases

- Allow you to type short name without username

- Edit `~/.ssh/config` - for each alias:

```
Host eos01
Hostname eos01.cis.gvsu.edu
User yourusername
```

SSH Keys

- Annoying to enter password everytime!
- Default locations (on machine ssh'ing *from*)
  - `~/.ssh/id_rsa` - private key
  - `~/.ssh/id_rsa.pub` - public key

Setting up SSH Keys

- First, make sure you don't already have them
  `ls -al ~/.ssh`

- Generate new keys
  `ssh-keygen` -> generates keys

- Add public key to `~/.ssh/authorized_keys` file on remote server
  `ssh-copy-id "username@hostname"`

Having Issues with ssh-keys? -- Common Problems

- Errors about the authorized keys file:
  - Not existing: make the file with
    `touch ~/.ssh/authorized_keys`
  - Wrong permissions:
    - `chmod 600 ~/.ssh/authorized_keys`
    - `chmod 700 ~/.ssh`

Having Issues with ssh-keys? (cont.)

- If for some reason you can use `ssh` and `ssh-keygen` but don't have `ssh-copy-id`
  - Move `id_rsa.pub` to remote machine:
    `scp ~/.ssh/id_rsa.pub username@hostname:~`
  - SSH into remote machine and add public key to `authorized_keys`:
    `ssh username@hostname`
    `cat id_rsa.pub >> .ssh/authorized_keys`