Homework questions/answers:
- more problems w/ virtual machine gui
  * use on linux
- look at statistics while **process** is running
  * `$ ./cpu-hog
    ^z
    $ bg`
  OR `$
  $
- to connect to vm while **NOT** in lab
  * `$ ssh username@ssh.cs.dixie.edu`

* make sure open ssh-server is installed.
  `sudo apt-get install openssh-server`
  `netstat -a` will tell you if you have a server running

use:
Putty for windows; Ubuntu free.

Users & Group assignment due Friday 9-9-11
new commands:
  `script` - input & output saved to file
  `su` - "switch user"
  `as root`
  `su -fred`
  `# su -fred`
  `$ password:`
  `---`
  `fred$
  fred$
  fred & exit
  #`
File Systems Introduction:

**Platters**

- **Platter**: spins, coated with substance sensitive to magnetic field, (aligns up or down), arm reads magnetic field.

- **Partition**: 1-4 primary partitions, designates sectors into groups, takes drive from 1 physical disk to 4 logical disks.

- **DOS-Partitions**: PC based, most used by "us".

- **Extended partition**: 1 of 4 primary contains data records allowing it to self divide creating multiple logical partitions.

**Filesystem - Partition** (not extended)

- `ext 2,3,4`: ones we use (Linux)
- `NTFS`: Windows
- `FAT 16,32`: for older systems & thumb drives.