System Administration

RAM

CPU

I/O Devices

Long-term Storage

Computer Hardware
layered model of computer system.
System Administration

How many can you list?
How are they related?
Who knows all details?
- Configuration in text files: /etc
  (learn a real editor)

- Documentation in man pages, online.

- Programs in /bin, /usr/bin, /usr/sbin, /sbin

- Kernel in /boot

- Modules in /lib/modules

- Libraries in /lib, /usr/lib
System Administration

ls
cd
cp
rm
mv
mkdir
rmdir

nano
vi
emacs

chmod
chown
ssh
ln
pwd
ps
top
sudo
man

a few Shell Commands

adduser
deluser
apt-get
parted
mkfs
mount
umount
fsck