Basic Linux Commands Cheat Sheet

Command	Description
File Management	
ls	List content of current directory
ls -a	List content of current directory, including hidden files
cd	Change directory to home
cd ..	Go up one directory
cd /	Go to root directory
cd *dir*	Change directory to *dir*
pwd	Print current working directory
rm *file*	Remove *file*
rm *dir*	Remove *dir*
cat > *file.py*	Create *file.py*
mkdir *dir*	Create directory *dir*
cp *file1 file2*	Copy *file1* to *file2*
mv *file1 file2*	Move/rename *file1* to *file2*
head *file*	Output first 10 lines of *file*
tail *file*	Output last 10 lines of *file*
find *file*	Search for *file*
tar xf *file.tar*	Extract files from *file.tar*
System Information	
cat /proc/cpuinfo	Output cpu information
cat /proc/meminfo	Output memory information
df	Show disk usage
w	Show who is online
date	Show current date and time
du -s	Disk usage summary
Process Management	
top	Display all running processes
ps	Display currently active processes
killall *proc*	Kill process named *proc*
Network & Connection	
ssh *user@host*	SSH to *host* as *user*
ping *host*	Ping *host*
wget *file*	Download *file*
Miscellaneous	
sudo *command*	Run *command* in superuser mode
sudo shutdown	Shutdown system
sudo reboot	Reboot system
python	Run python
vi	Open visual editor
Ctrl + C	Shortcut: halts current command
Ctrl + Z	Shortcut: stops current command