Linux Cheat Sheet

Aa Command	☰ Function
history	Shows all previously used commands
pwd	Move to root folder
cd {dst}	Change Directory
cd ..	Move up 1 directory
ls {{dst}}	List items in a directory
ls - la	Shows all info eg, hidden folders, permissions,...
mkdir {dst/name}	Make a new directory (folder)
rmdir {dst/name}	Remove a directory (folder)
rm {dst}	Remove a file from a given destination
cp {src} {dst}	Copy a file from source to destination
mv {src} {dst}	Move a file from source to destination
man {Command}	Help , Shows command options and functions
adduser {username}	Create a new linux user
su {username}	Switch user
su -	Switch to root user
sudo	Change to admin
Network Commands	
ifconfig	Similar to ipconfig
iwconfig	For wireless adapters
ping {ipdst}	Ping command
ping -c {count}	c switch , ping for a certain number of iterations
arp -a	Show arp table
netstat	Show all open ports and what they are connected too
route	Show routing table
Creating and Editing files	
touch {dst/filename}	Create a file
nano {dst/filename}	Creates an empty file and opens a text editor in terminal

Aa Command	☰ Function
gedit {dst/filename}	Creates an empty file and opens a text editor in a separate window
echo '{text}" > {dst/filename}	Create and add text to a file
echo '{text}" >> {dst/filename}	The >> appends to a file
cat {dst/filename}	Opens file data in terminal
locate {filename}	Find and returns file path
updatedb	Update system file locations database (Use when locate not working properly)
Chmod {mode} {filename}	Changes file permissions
Installing tools and updates	
apt update	Gets all available updates
apt upgrade	Upgrades all updates
apt install {package name} {{-y}}	installs package and -y is for yes
git clone {git link}	clones a git project
Services	
service {service name} start	Starts a service
service {service name} stop	Stop a service
systemctl enable {service name}	Starts a service at boot
service apache2 start	creates a web server
service ssh start	start SSH
service postgresql start	SQL service
Useful python commands	
python -m SimpleHTTPS 80	Starts a webserver hosting the folder that the command was executed at (python 2)
python3 -m http.server 80	Starts a webserver hosting the folder that the command was executed at (python 3)

Aa Command	≡ Function
pip3 install, pip install	python3, python2
ftpdlib	library for hosting an ftp server
python -m pyftpdlib -p 21 w	Starts an FTP server
Untitled	