Linux Cheat Sheet

`cd`	change current directory to home directory.
`cd dir`	change current directory to *dir*.
`cd ..`	change the current directory to parent of the current directory.
`pwd`	prints the path of the current directory.
`ls`	list all the files in the current directory.
`ls dir`	list all the files in directory *dir*.
`ls -l`	list all files in the current directory with more file details.
`touch filename`	make a new file with the given *filename*.
`mkdir dir`	make a new directory with name *dir*.
`rm filename`	delete the file with the given *filename*.
`rm -r dir`	delete the given directory and it's contents *dir*.
`cp fname1 fname2`	copies file *fname1* to file *fname2*.
`mv fname1 fname2`	renames file *fname1* to file *fname2*.
`man command`	shows the manual on how to use *command*.
`info command`	shows info about the *command*.
`apropos keyword`	searches in the manuals for the given *keyword*.
`cat filename`	concatenates the full file *filename* on the terminal.
`less filename`	show *filename* in a viewer in the terminal.
`head filename`	shows the first 10 lines of the file *filename*.
`tail filename`	shows the last 10 lines of the file *filename*.
`find -name filename`	recursively finds all files which match the given *filename*.
`exit`	closes the current (tab) in the terminal.
`shutdown now`	shuts down the computer.

Table 1: Usefull Linux commands.

`nano`	text editor which works in the terminal.
`nano filename`	starts nano to edit the file *filename*.
`python`	starts interactive python console on the terminal.
`python filename`	uses python to execute file *filename*.
`python3`	starts interactive python console on the terminal.
`python3 filename`	uses python to execute file *filename*.
`gimp`	image manipulation and paint program.
`gedit`	text editor with a graphical userinterface.
`eclipse`	programming IDE for Java. Additional support for other programming languages such as Python and C++ can be added by using plugins.
`libreoffice`	office suite to create documents, presentations,...
`ssh user@machine`	remotely login to a terminal as the given *user* on the given *machine*.
`sftp user@machine`	utility to *put* and *get* files on the given *user*'s account on the given *machine*.

Table 2: Usefull Linux programs.

On the desktop	
`windows key` (press)	open launcher.
`windows key` (hold)	show desktop shortcuts.
`ctrl + alt + T`	start a new terminal.
`alt + tab`	switch between programs.
In a terminal	
`tab`	autocomplete current command.
`ctrl + shift + T`	start a new tab in the terminal.
`ctrl + C`	stop the current command
`ctrl + L`	clear the current terminal window.
`arrow up`	go back through your history of commands.
`middle-mouse button`	paste clipboard content.

Table 3: Usefull shortcuts.