Essential Commands

pwd	Show current working dir
whoami	Show current username
ls	List files in dir
ip addr show	Show current IP config
free -m	Show how much memory you have
df -h	Show available diskspace
cat /etc/hosts	Show contents of file
findmnt	Show mounted file system

Linux File System Hierarchy

Note	Highly standardised, defined in FHS, maintained by Linux Foundation, starting point is root dir, other devices may be intergrated in FHS using mounts
/	root dir, mounted on the name of device
/boot	Boot dir
/home	Home Dir
/var	Variables dir

Basic Permisisons

	Files	Directories
Read (R)	Read	List
Write (W)	Modify	Create/Delete
Execute (X)	Run	Cd

Globbing

*	Any character
?	Only 1 character
[hm]	Either h or m
[!hm]	Neither h or m
[0=9][0-9]	Wildcard all 2 digit number

Regular Expressions

NOTE	Different than globbing (For file name), REGEX is for searching text pattern, best to use ", use with specific tools **GREP,VIM,SED,-AWK**,
grep 'b.t'	Find pattern with b in first position, anything in second and t in third position
grep 'b.*t'	Pattern with b in the first, may or may not have 1 or many character and t in last postion
grep 'bo*t'	Pattern with b in first, may or may not have 'o' and t in last postion
grep 'b.?t'	No result, ? is part of extended REGEX, need to be used with *EGREP*
\<	Beginning of word
\>	End of word
{n}	Exactly n times