

Linux Cheatsheet

Distro: Ubuntu
Abyan Majid, 2023

Prompt	What it does
\$ echo <text>	Print to the terminal
\$ pwd	Print working directory (get path)
\$ cd <path>	Change directory
\$ ls <optional: path>	<code>`ls`</code> lists all items in current directory Flags: <code>`-a`</code> : all (including hidden files) <code>`-l`</code> : long format
\$ touch <filename>	Create a new file
\$ file <filename>	Print file type
\$ cat <filename>	Print contents of a file
\$ less <filename>	View text files with the ability to navigate Commands: <code>`q`</code> : quit <code>`up`</code> , <code>`down`</code> , <code>`left`</code> , <code>`right`</code> : move up, down, left, and or right <code>`g`</code> : move to the beginning of the file <code>`G`</code> : move to the end of the file <code>`/search`</code> : search for a text in the file <code>`h`</code> : help
\$ history	Prints history of commands you've ran
\$ clear	Clears the terminal
\$ cp <filename> <destination>	Copies file to the given destination
\$ mv <filename> <destination> \$ mv <filename> <new filename>	Moves file to another directory or rename them. You can also move or rename directories.
\$ mkdir <dirname> \$ mkdir <dirname> <dirname> \$ mkdir -p <dir>/<subdir>	Create a new directory. You can make multiple directories at the same time, and you can make subdirectories at once.
\$ rm <filename> \$ rm <flag> <filename> \$ rm -r <dirname>	Removes a file (or directory) Flags: <code>`-f`</code> : Forcefully remove write-protected files <code>`-i`</code> : Prompts a confirmation before deleting <code>`-r`</code> : Remove recursively, commonly used to delete directories
\$ rmdir <dirname>	Removes a directory
\$ find <path> -name <filename> \$ find <path> -type d -name <dirname>	Finds files (or directories) given path Flags: <code>`-name`</code> : Name of the item being searched

	`-type`: Type of the item being searched, use `d` for directory
\$ help <command>	Shows guidance on how to use a command, and lists all available flags
\$ man <command>	Shows the manual for a given command
\$ whatis <command>	Shows a very brief description of what a given command does.
\$ alias <alias>=<command>	Sets an alias for a given command, such that you can run <command> by running <alias>
\$ exit	Terminates the shell