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Installing MS fonts

```
sudo apt update
sudo apt install msttcorefonts
```

Basic commands

<code>ctrl + alt + t</code>	<code>open terminal</code>
<code>ctrl + d</code>	<code>log out of shell</code>

[command] --help	help
man [command]	manual
~	user's home directory
/	root directory, and separator
.	current working directory
clear	clear screen
reset	reset console
logout	log out of shell
pwd	print working directory
cd [name]	change directory
cd ..	return to parent directory
cd ../..	two directories up
cd -	switch to previous directory
cd ~ or cd	change to home directory
cd /	change to root directory
cd /home/dusan/Documents	change directory with absolute
path	
cd ~/Documents	change directory with absolute
path	
dir	list all directories of
	current working directory
ls	list
ls -l	list long format
lsblk or fdisk -l	list block devices (drives and
	partitions)
sda	1st drive
sda1	1st drive, 1st partition
sdb	2nd drive
sdb1	and so on ...
cp	copy files and directories

mv	move or rename files and
directories	
rm	remove files and directories
mkdir	create directories

Create folders and files

mkdir [name]	make directory
mkdir -p dir1/dir2	make directory and sub-
directories	

examples

```
mkdir /tmp/tutorial
mkdir /tmp/tutorial ~/Documents/tutorial
mkdir "folder 1"
```

Create files using redirection

>	create or overwrite existing
file	
>>	add content without
overwriting	

ls > output.txt	create text-file and output
cat output.txt	look at content
echo "test" > test.txt	create and write text-file
cat [name] > combined.txt	join file into a new or
existing file	
cat [name] >> output.txt	add output without overwriting
existing content	

examples

```
cat t* > combined.txt
cat combined.txt
ls ~/Pictures >> output.txt
```

Remove folders and files

rm [file]	remove file
rmdir [name]	remove empty directory
rm -r [name]	remove directory and its content
rm -i [name]	prompts to confirm deletion of files

Copy files

cp [file1] [file2]	duplicate file
cp -i file1 file2	-i = user is prompted, if file2 already exists
cp [file] [destination]	copy file from current dir
cp *.* [destination]	copy all files from current dir
cp -r [dir]	copy recursive (folder & contents)

examples

```
cp test.txt test-backup.txt
cp *.jpg ../Pictures
```

Move files

mv [name] [destination]	move file or dir
-------------------------	------------------

`mv [dir]/* .`

move all content from [dir] to
current directory

`mv dir1 dir2 alldirs
'alldirs'`

move 'dir1' and 'dir2' to

examples

`mv test.txt test-updated.txt`

`mv "folder 1" folder_1`

Rename files

`mv [name] [renamed]`

rename a file or directory

"Directories are found in file systems and terminals, and are represented by folders in graphical interfaces."

Other useful commands

`unzip [file]`

unzip file

`wc`

word counter

`ls [location] | wc -l`
directory

output number of items in
or file

`sort [file]`

sort file

Advanced Packaging Tool

apt = advanced packaging tool

sudo = superuser do

"apt is a more modern version of apt-get"

<code>sudo apt update</code>	update repositories
<code>sudo apt install [app]</code>	install app
<code>sudo apt remove [app]</code>	remove app
<code>sudo apt --purge remove app</code>	delete app and all configuration files
<code>apt purge [app]*</code>	remove all packages beginning with [app]
<code>sudo apt autoremove</code>	remove any unused packages, e.g. after an update
<code>apt purge --auto-remove app</code>	remove both, program and dependencies that are no longer being used into one
<code>sudo apt clean</code>	remove downloaded archive files
<code>apt search [package]</code>	list all packages on system
<code>sudo apt upgrade</code>	update all software
<code>dpkg --get-architecture less</code>	output all installed packages

Installing .deb Package

```

sudo apt update
sudo apt upgrade
sudo dpkg -i "path_to_Debian_Package"
sudo dpkg -i Downloads/asc-music_1.3-4_all.deb

```

Mount a drive

<code>lsblk</code>	output listing of all drives
<code>sudo mkdir /media/newhdd</code>	create new dir for drive
<code>sudo mount /dev/sdb1 /media/newhdd</code>	mount drive
<code>df -H</code>	show information of all file systems
<code>cd /media/newhdd; ls -l</code>	list content of newhdd

<code>sudo blkid</code>	display every UUID
<code>sudo nano /etc/fstab</code>	edit file
<code>UUID=[key] /data</code>	<code>auto nosuid,nodev,nofail,x-</code>
<code>gvfs-show 0 0</code>	
<code>sudo mount -a</code>	test new fstab entry
"If you see no errors, the fstab entry is correct and you're safe to reboot."	

Shortcuts

tab	auto-complete
-----	---------------

Wildcard characters

*	indicate zero or more
characters	
?	indicate any single character
.	all files from current
directory	