#### 9 year old me changing the walpapers of the school computer



### Which tool would you use to cut bread?



# Which tool would you use to put nailpolish on?



# Which tool would you use to convert a jpg to png?







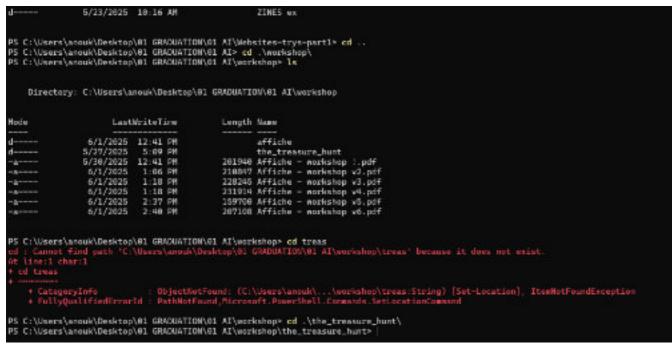




#### Which pictures show a terminal?









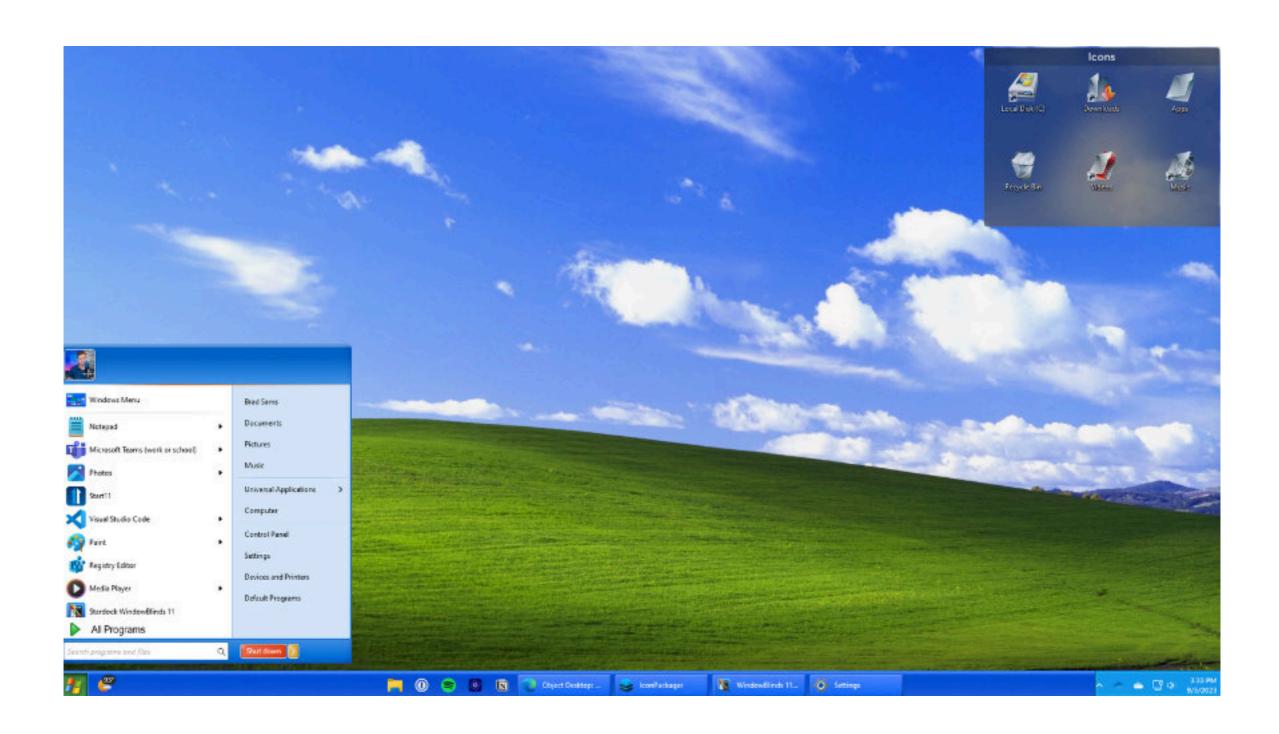


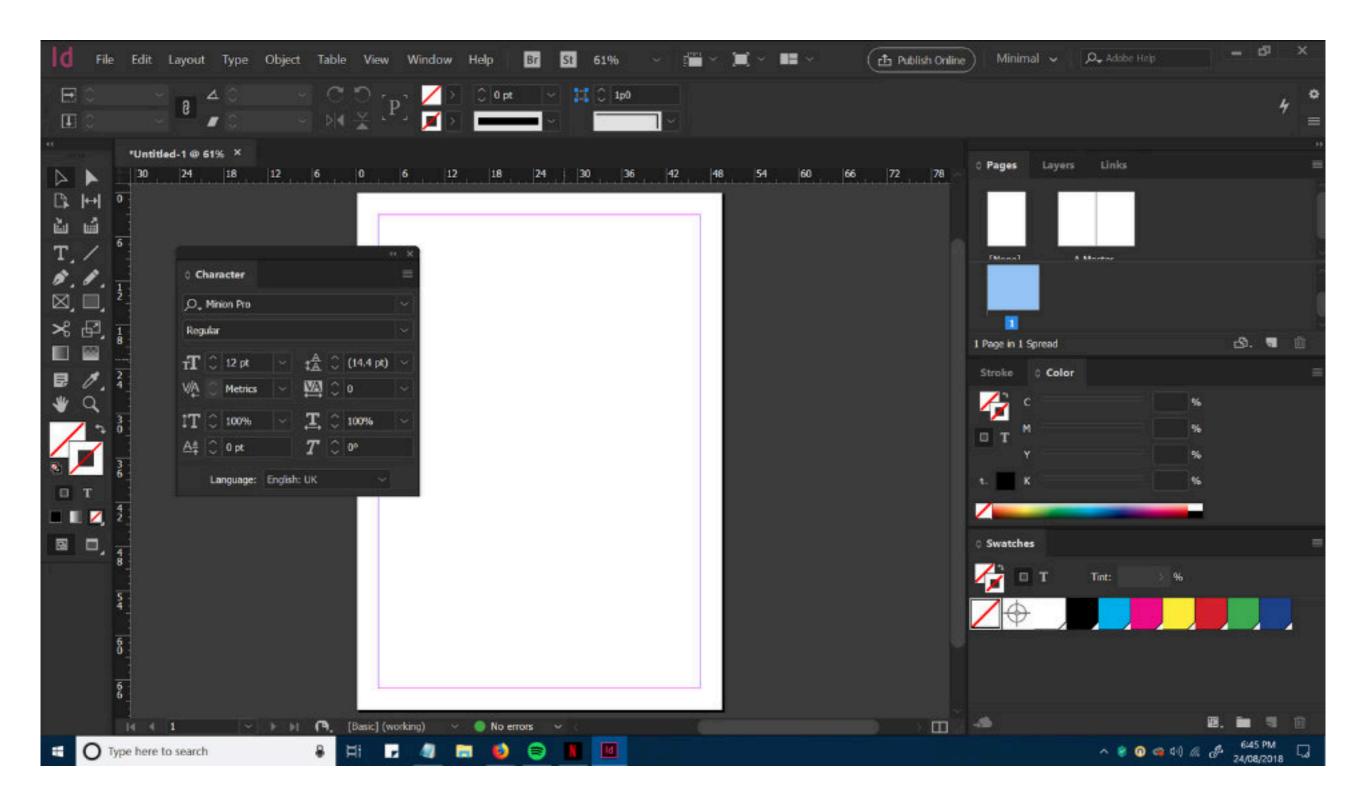




## CLI ←→ GUI\*

\*command-line interface ↔ graphical user interface





command	description	options	example
cd	change directory to the specified path		cd /path/to/directory
pwd	print working directory : display the current working directory		pwd
ls	list files of the current directory	-a: list all files, including hidden files -1: long format with detailed informations -h: list file sizes in a human-readable format	ls (-option)
mkdir	create a new directory		mkdir directory_name
touch	create an empty file	/!\ only for Mac!	touch name.format
rm	remove files or directory		rm name.format
ср	copy the file to the specified directory		cp name.format path/to/ dir
mv	move/ rename file or directory		mv name.format newname.flmr OR mv name.format path/to/dir
cat	display the content of a file		cat name.format
head	display the first few lines of a file	-n : specify the number of lines to display	head (-n x) name.format
tail	display the last few lines of a file	idem	tail (-n x) filename.format
find	search for files or directory	-name : search by name / -type : search by types	find /path/to/search name "*.txt"
start	display the image in the default application	/!\ on macos use "open" instead	start "img.jpg"



applications and softwares virtual terminal software shell Operating System (OS) kernel hardware CPU, RAM, etc