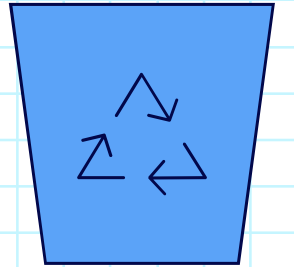
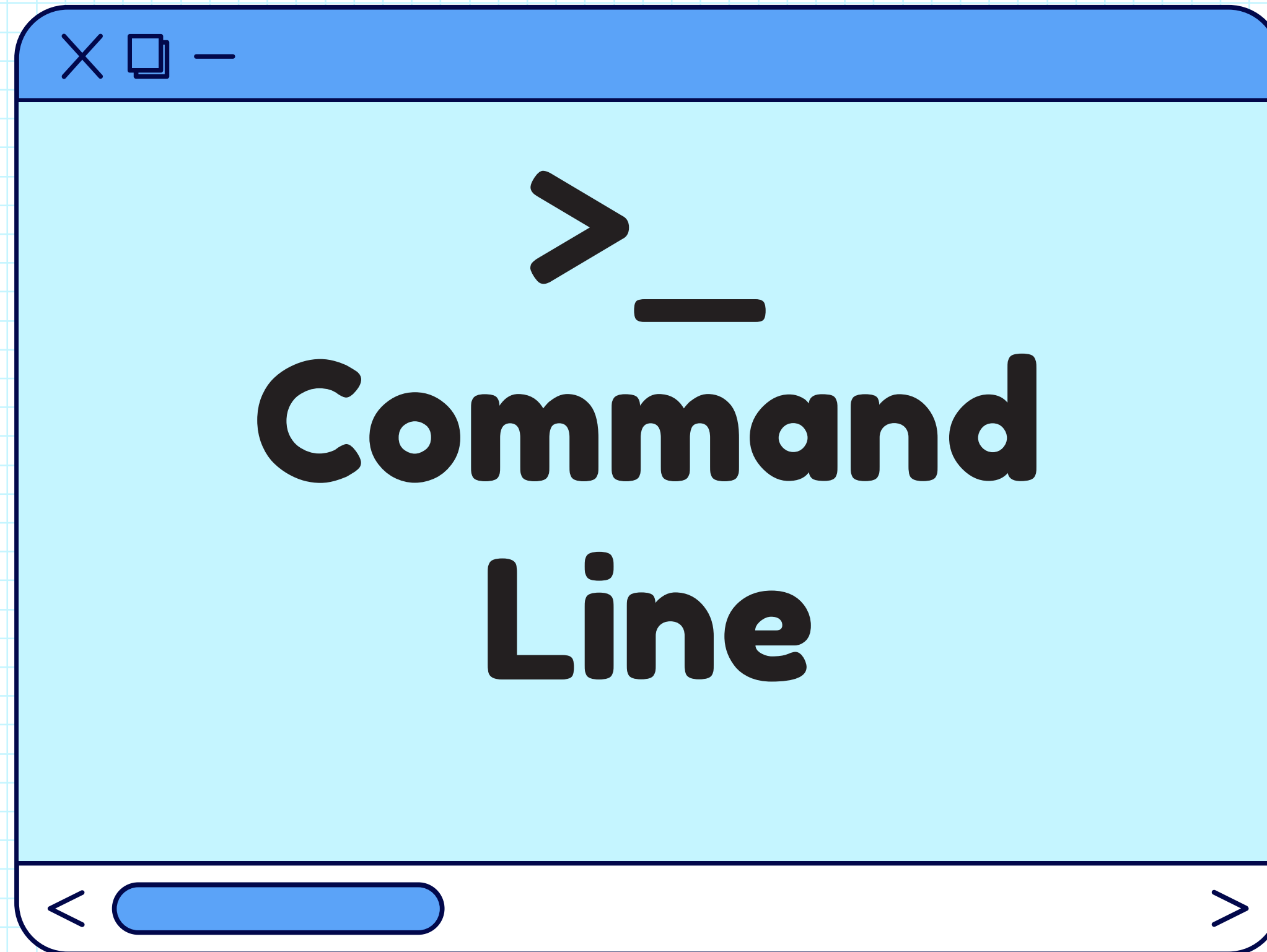
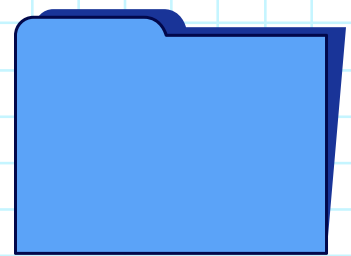


<InfPALS/>



Command Line (CLI) and why we need it?

- Way for a user to connect to a computer program or operating system
- More Control over your Machine, Faster, Automation of Many Repetitive Task, Available on any Machine (Extra needed for Cloud Computing)



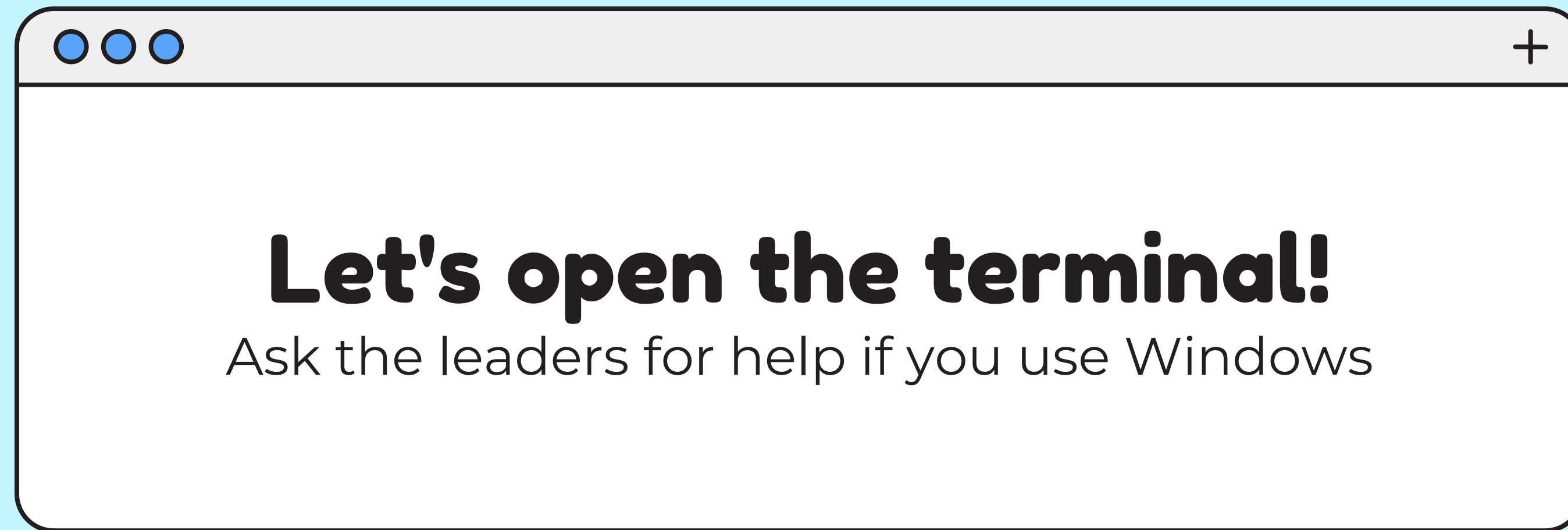
What Commands are we going to learn?



ls
pwd
cd
mkdir
touch

open . / start .
mv
rm
rm -rf

We hope you are having fun! ;)

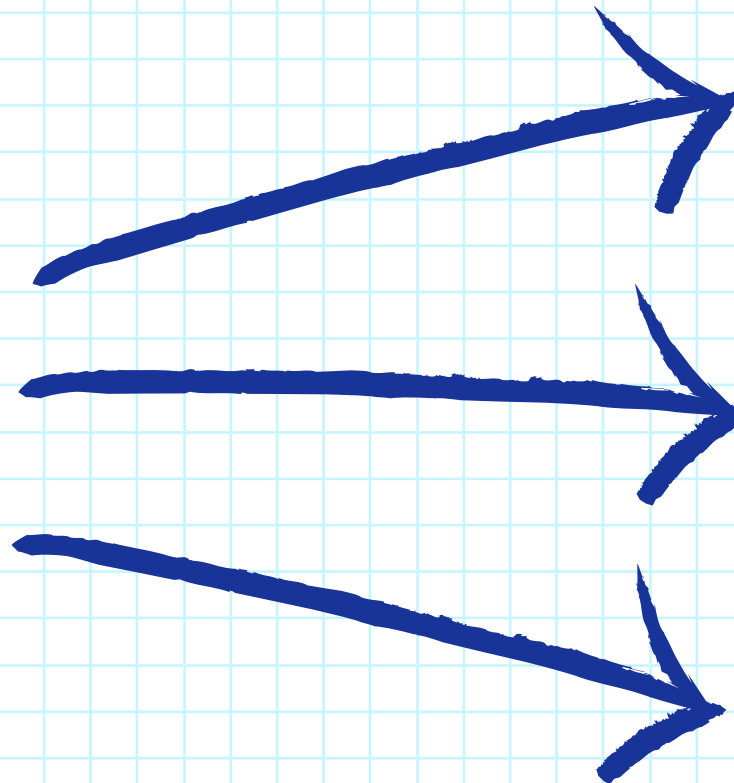




ls (open . / start .)

List the current content of your directory (open interface)

Folder



Folder1



Folder2



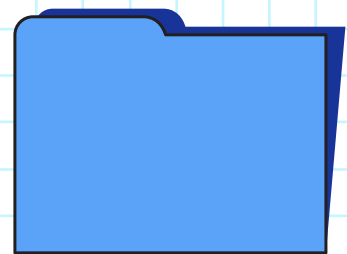
file

Optional: ls -a

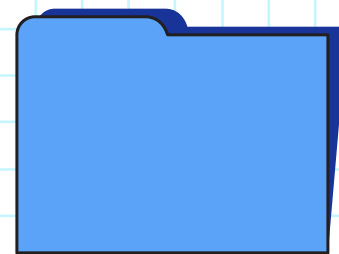
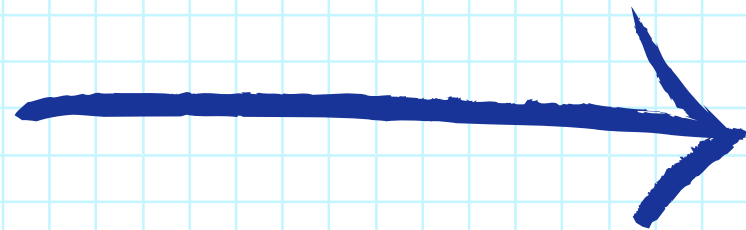


pwd (present working directory)

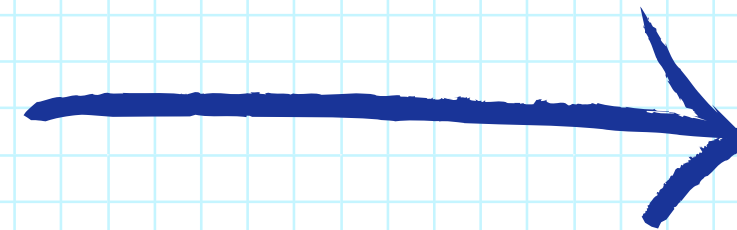
Prints the path to the working directory (where you currently are)



Folder1



Folder2



Folder3

pwd

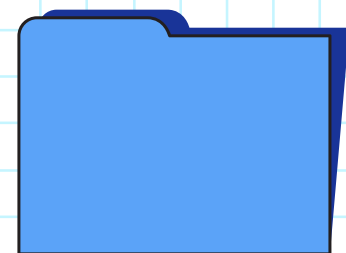
What is the path to Folder3 (your present working directory)?



cd (change directory)

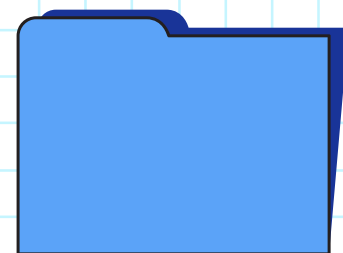
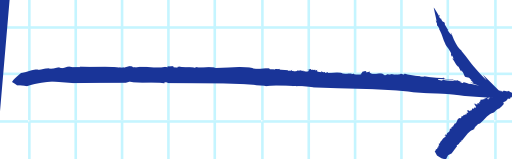
Change and move between the directories

pwd



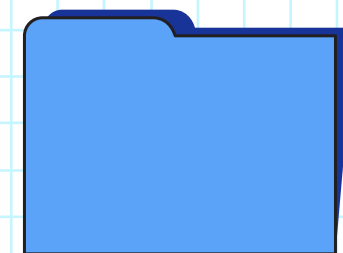
Folder1

cd Folder2

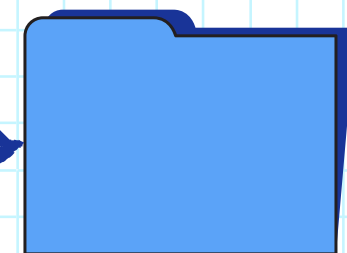
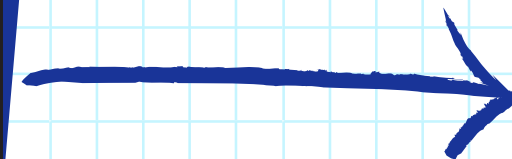


Folder2

pwd



Folder1



Folder2

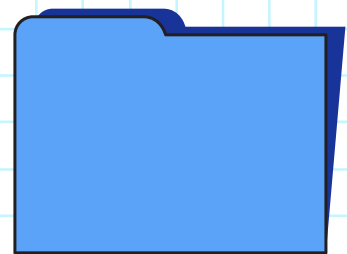
NOTE: Pay attention to the naming of your files!

NOTE2: Dont forget about cd ..



touch

Creates a file or multiple files

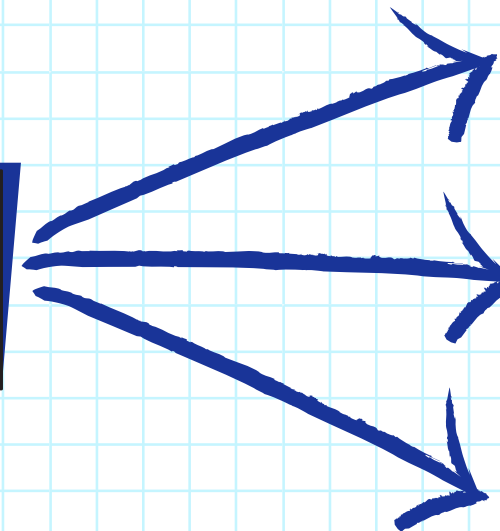


Folder

```
touch file1.py file2.js file3
```



Folder



file1.py



file2.js

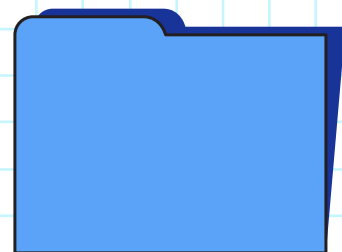


file3



mkdir (make directory)

Creates a directory (folder) or multiple directories (folders)

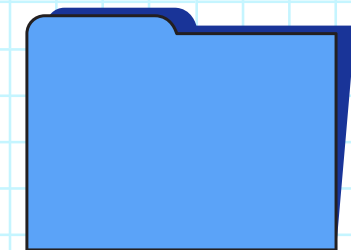
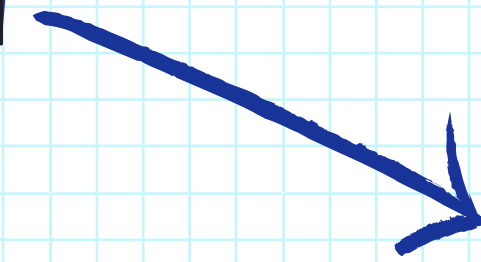
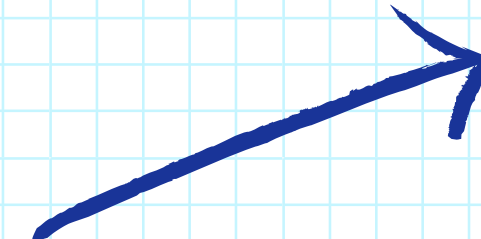


Folder

```
mkdir Folder2 Folder3
```



Folder



Folder2

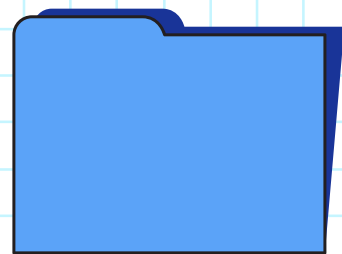


Folder3

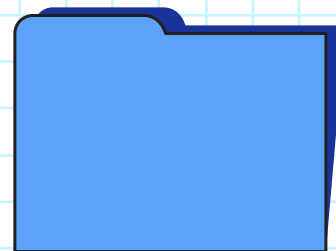
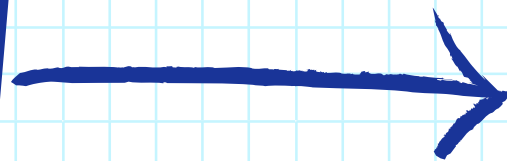


mv (move)

1. **Rename file or directory (folder)**
2. Move a file/directory to a different location



Folder

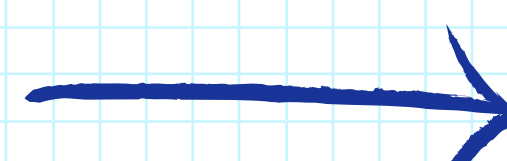


Folder1

`mv Folder Folder2`



file



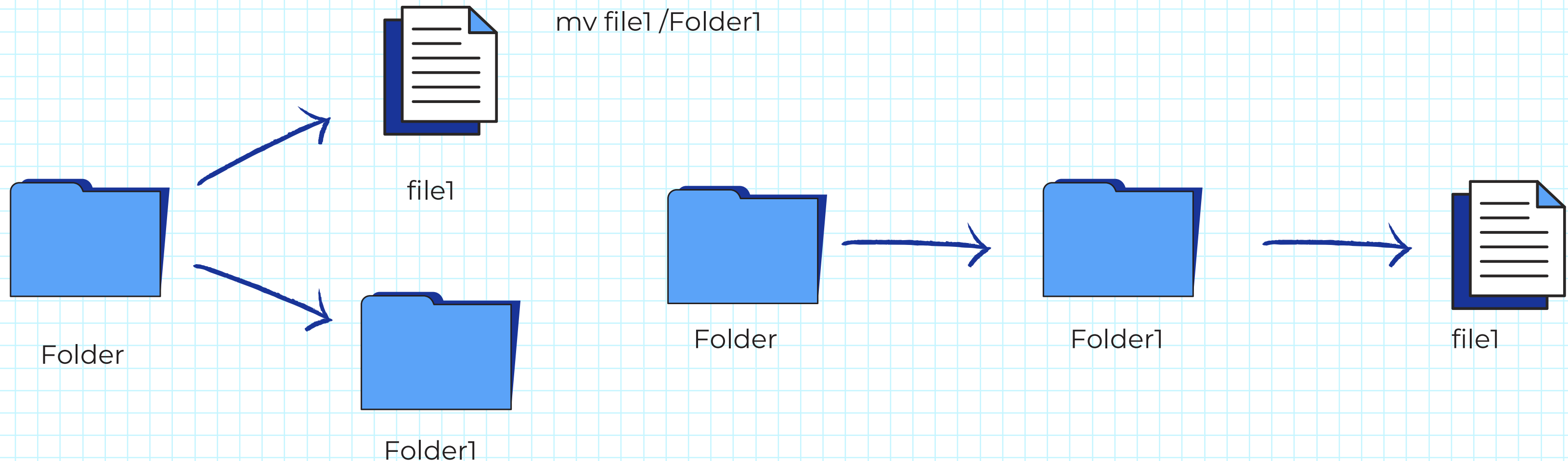
file1

`mv file1 file2`



mv (move)

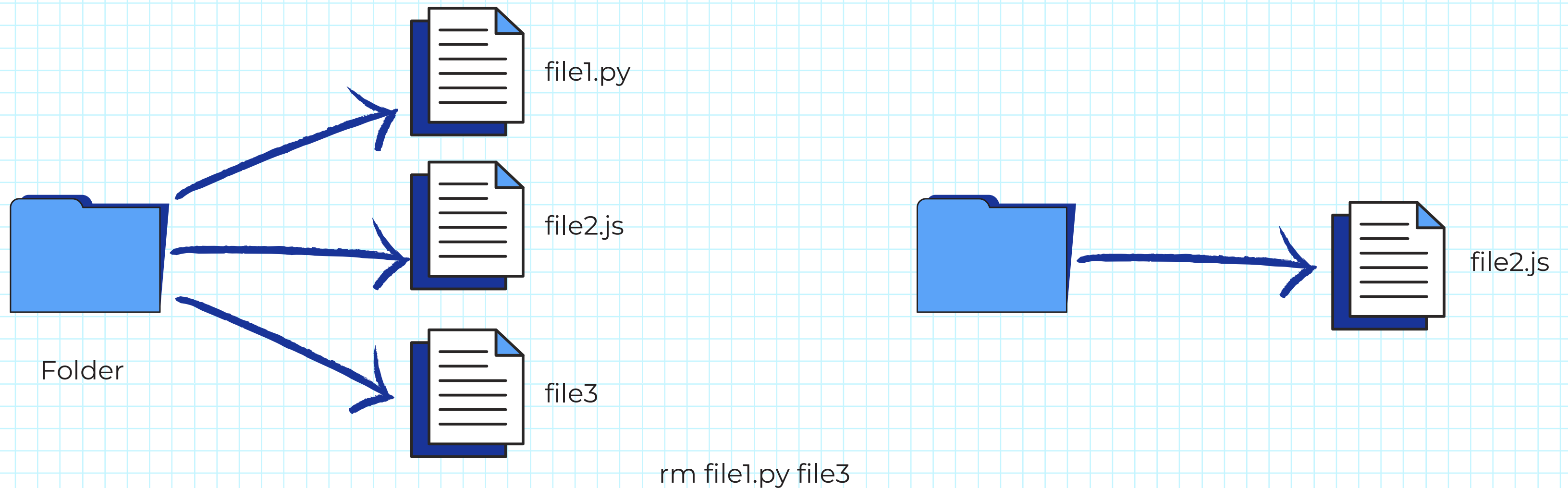
1. Rename file or directory (folder)
- 2. Move a file/directory to a different location**





rm (remove)

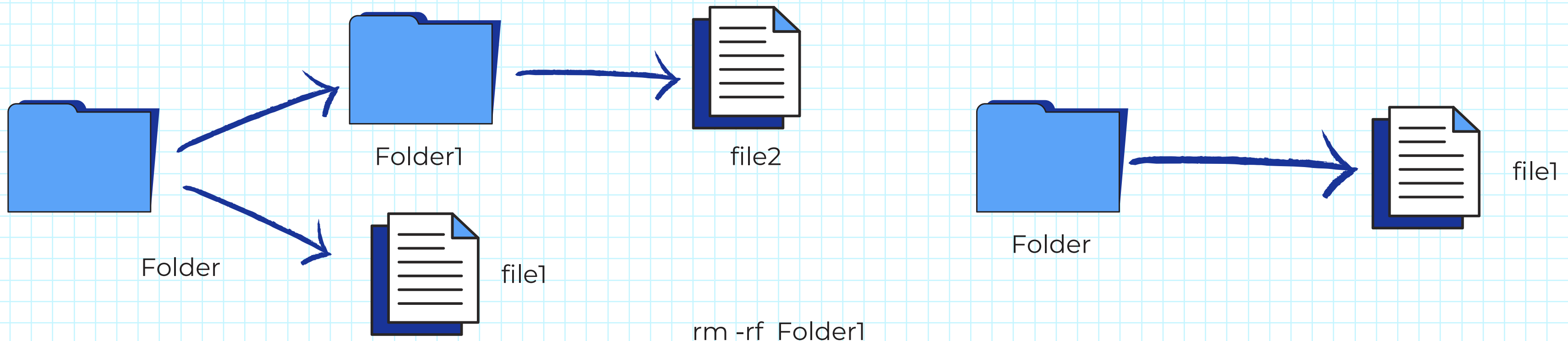
Deletes a file or multiple files



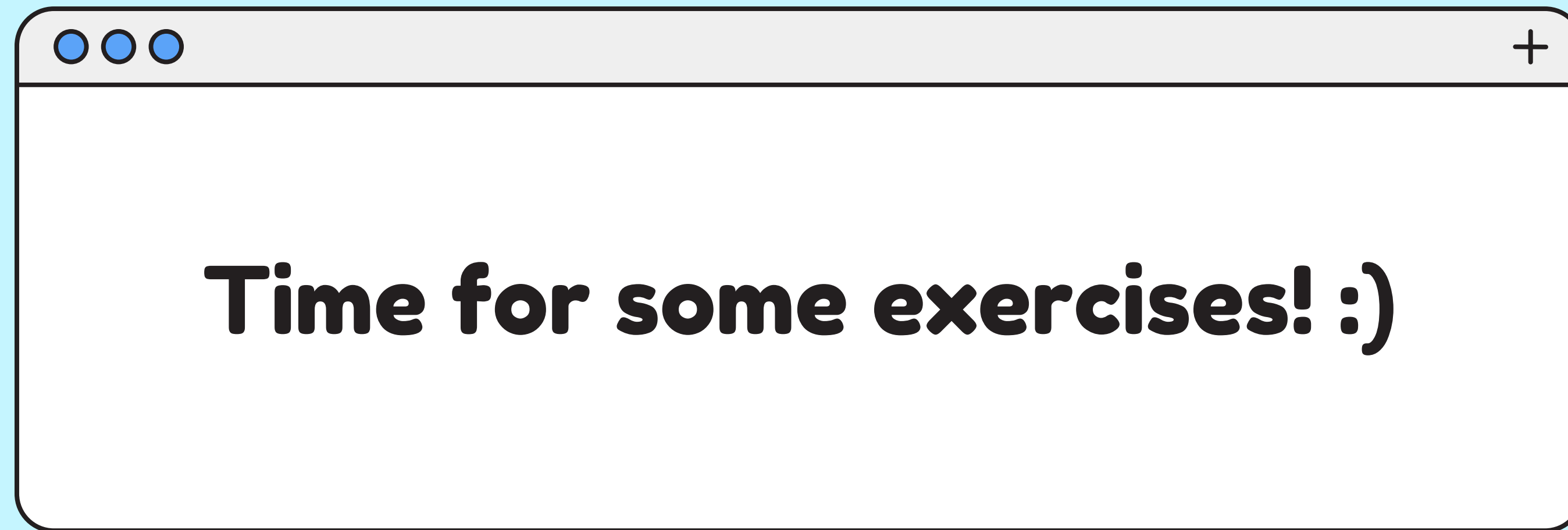


rm -rf (remove)

Deletes a directory (folder) or multiple directories (folders)

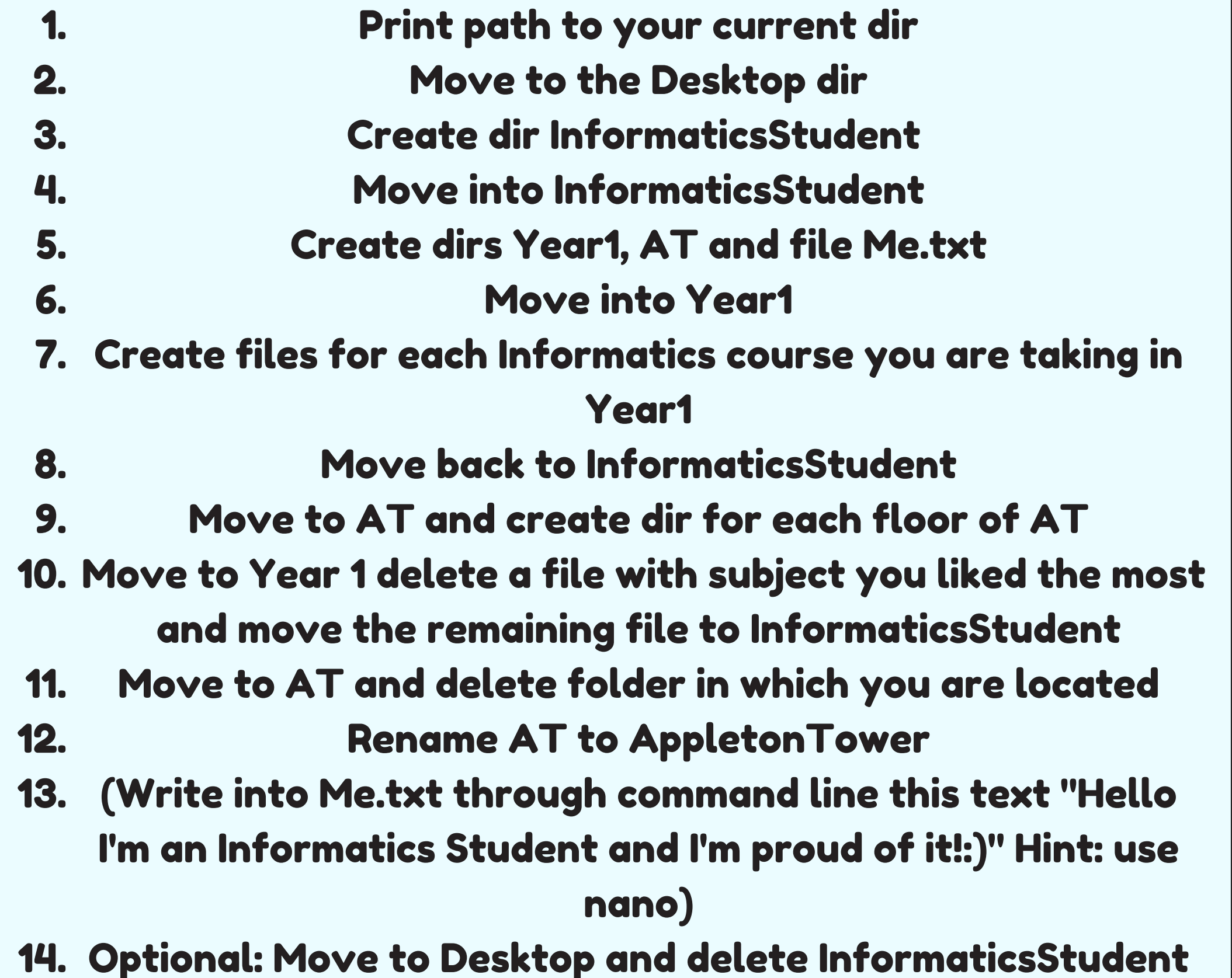


Now it is your turn!

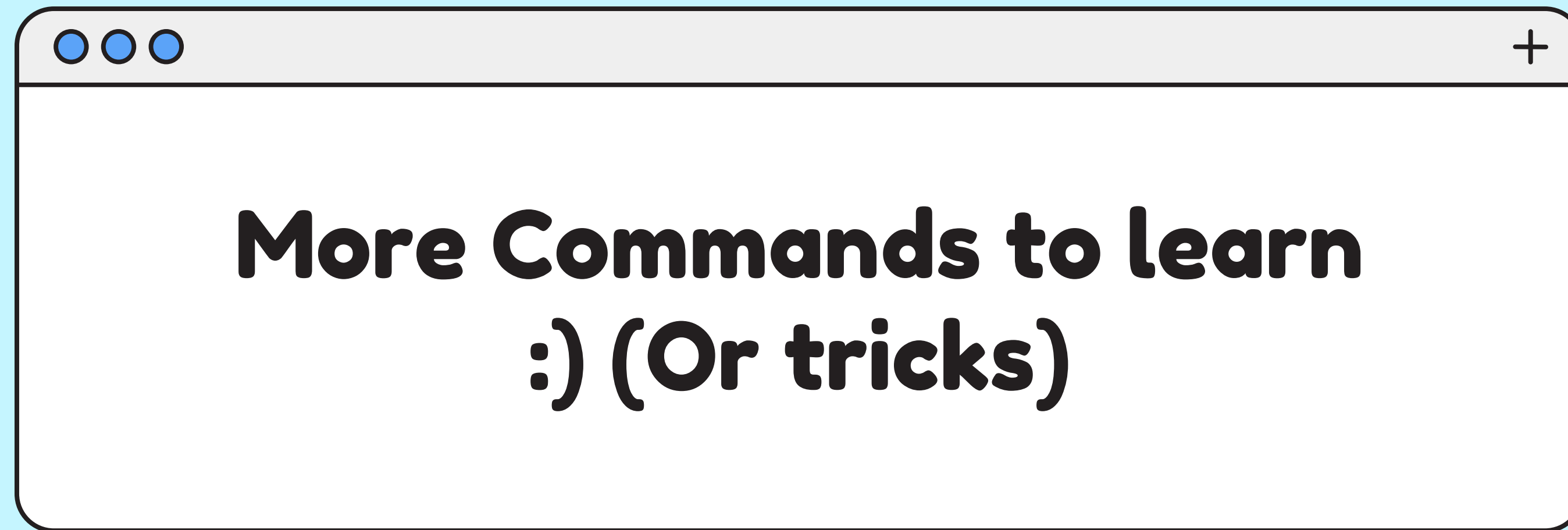


Try to do things listed in the window!

If you have any problems don't hesitate to raise your hand and the Leader will come and help you. :)

- 
1. **Print path to your current dir**
 2. **Move to the Desktop dir**
 3. **Create dir InformaticsStudent**
 4. **Move into InformaticsStudent**
 5. **Create dirs Year1, AT and file Me.txt**
 6. **Move into Year1**
 7. **Create files for each Informatics course you are taking in Year1**
 8. **Move back to InformaticsStudent**
 9. **Move to AT and create dir for each floor of AT**
 10. **Move to Year 1 delete a file with subject you liked the most and move the remaining file to InformaticsStudent**
 11. **Move to AT and delete folder in which you are located**
 12. **Rename AT to AppletonTower**
 13. **(Write into Me.txt through command line this text "Hello I'm an Informatics Student and I'm proud of it!:) " Hint: use nano)**
 14. **Optional: Move to Desktop and delete InformaticsStudent**

Now it is your turn!

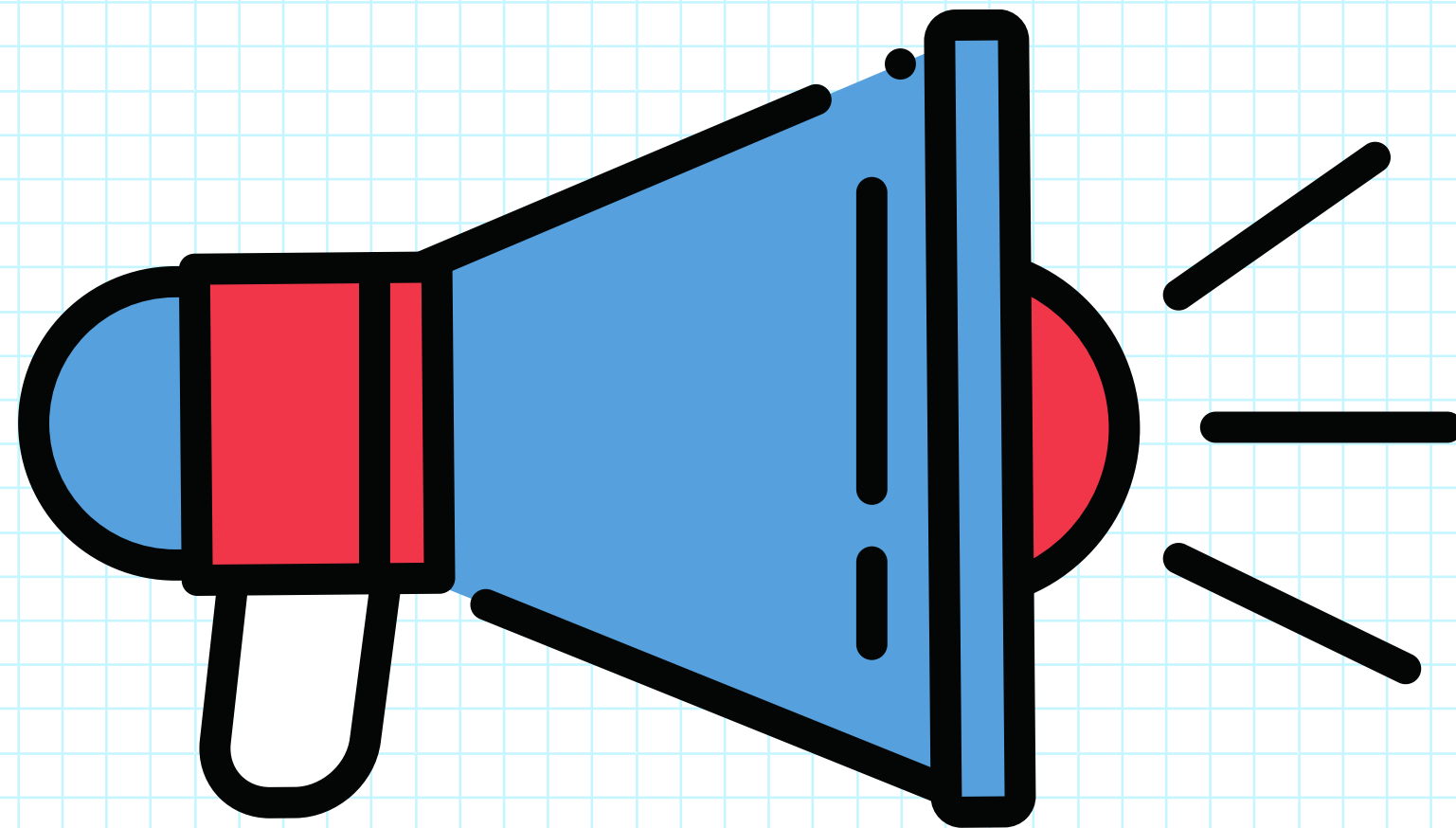
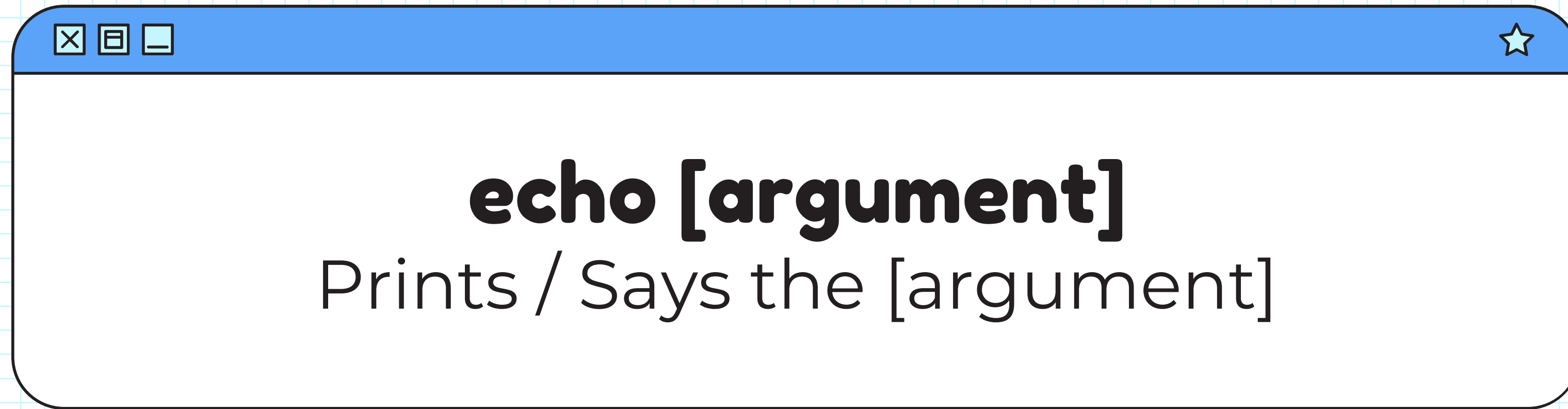




man [command] / help [command]
Prints out documentation for [command]



NOTE: In order to get our press q



echo I love Informatics!



Use of Tab

Automatically fills in partially typed commands

