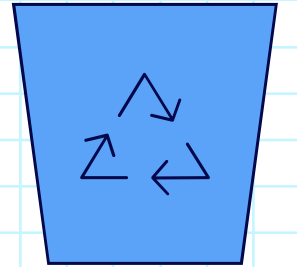
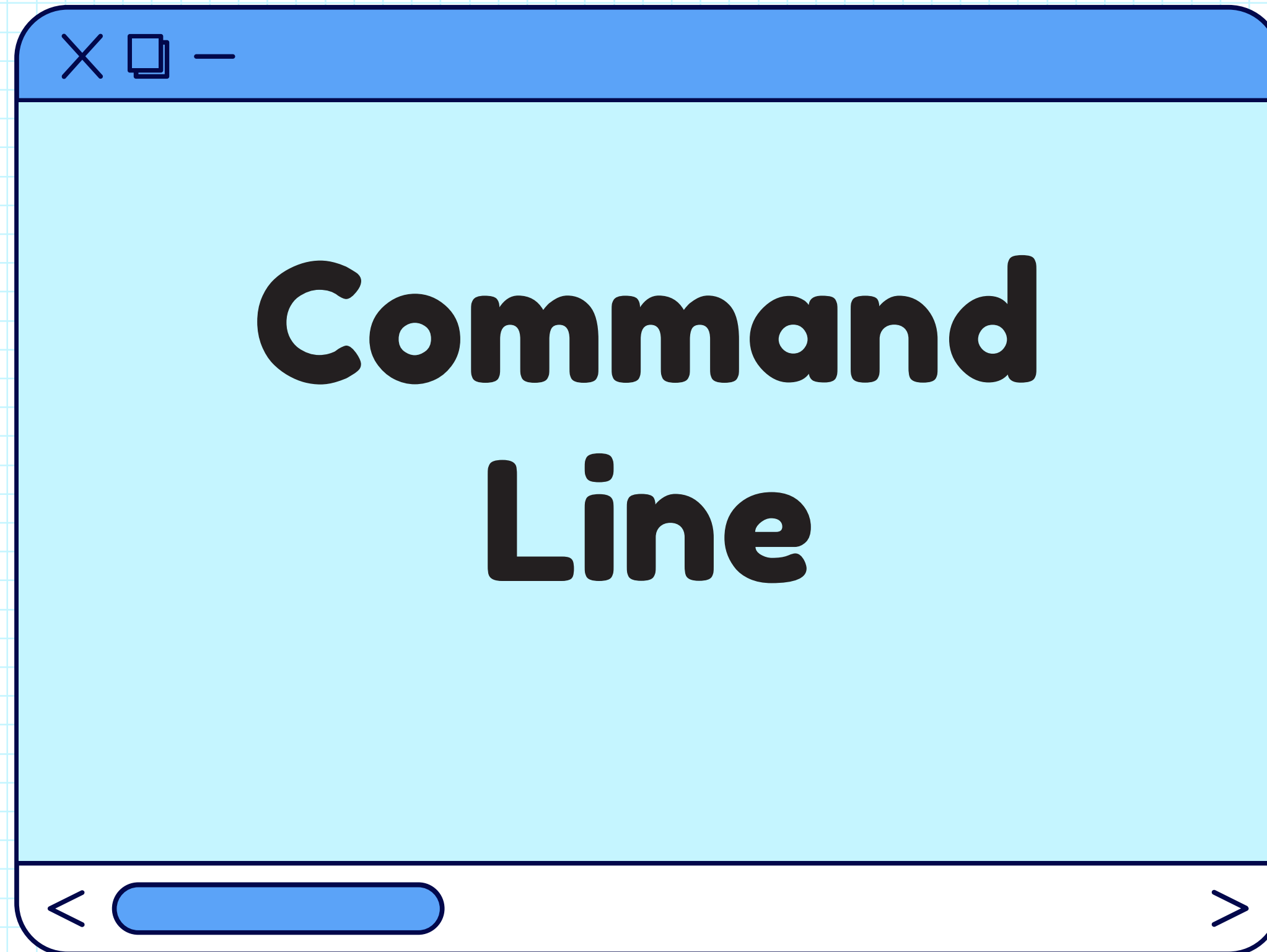
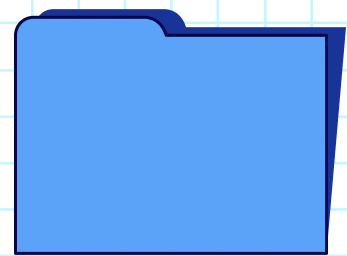


<InfPALS/>



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)



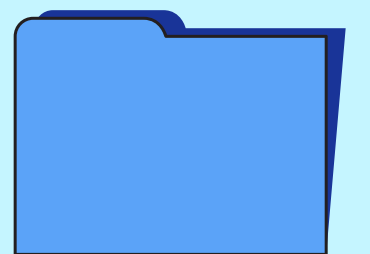
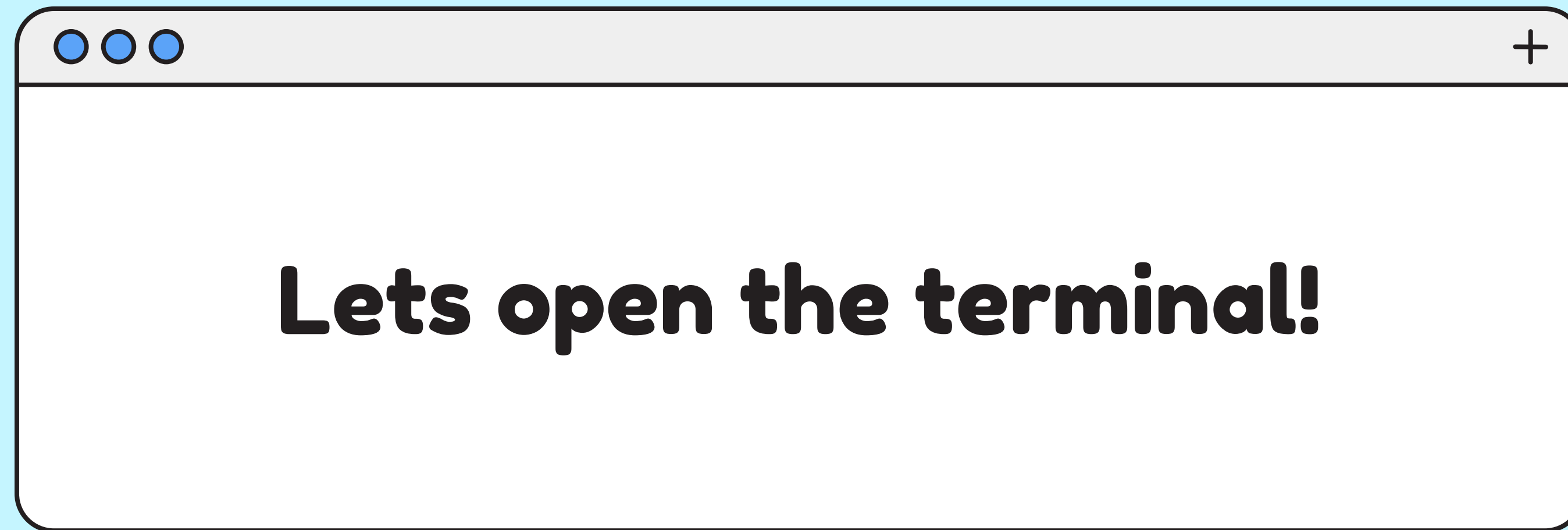
What Commands are we going to learn?



ls
pwd
cd
mkdir
touch

open . / start .
rm
rm -rf

We hope you are having fun! ;)

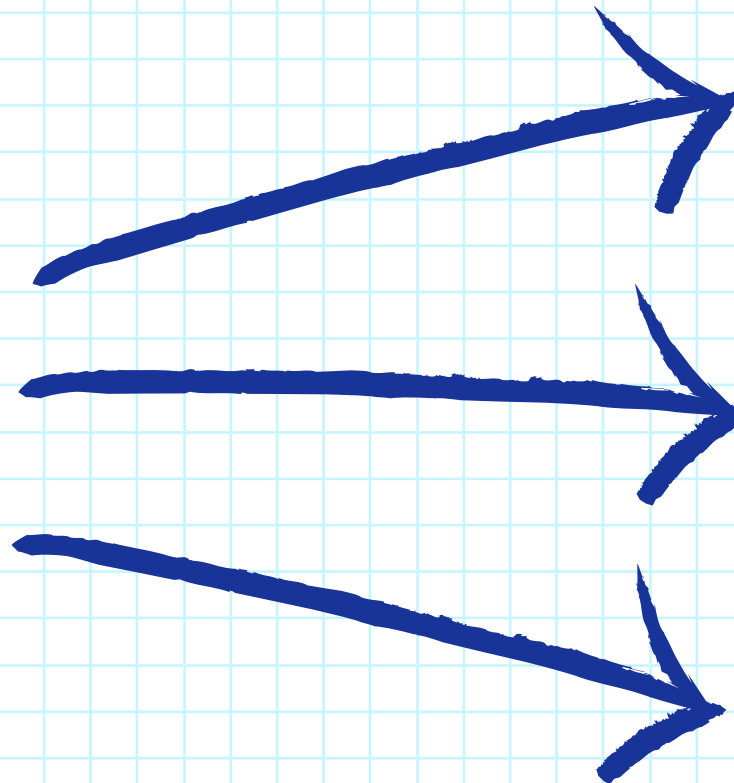




ls (open . / start .)

List the current content of your directory (open interface)

Folder



Folder



Folder



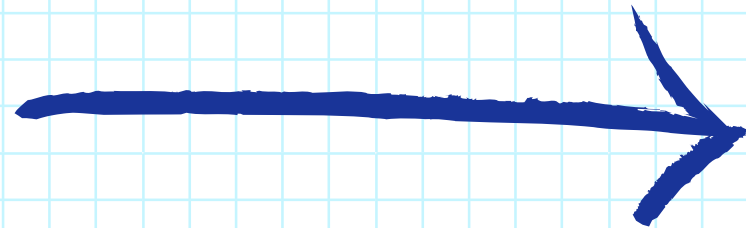
File



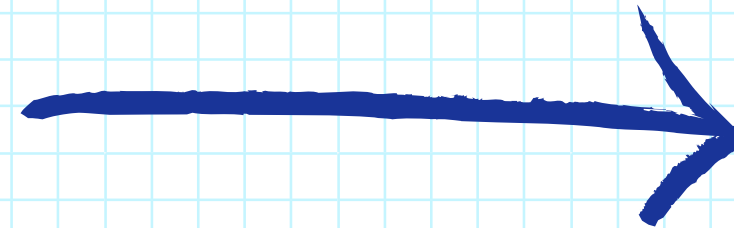
pwd (present working directory)

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

Folder 1



Folder 2



Folder 3

pwd

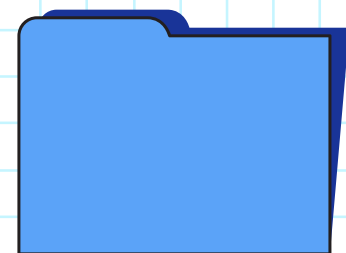
What is the path to Folder 3 (your present working directory)?



cd (change directory)

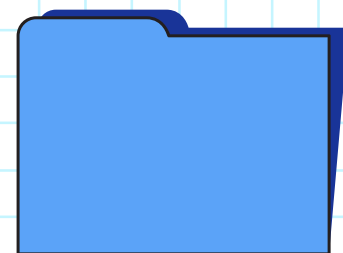
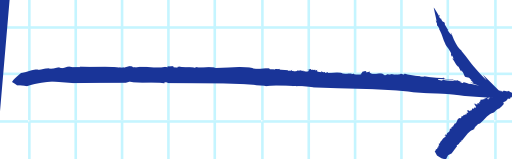
Change and move between the directories

pwd



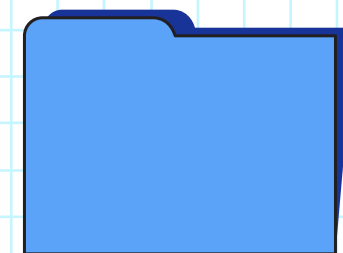
Folder 1

cd Folder2

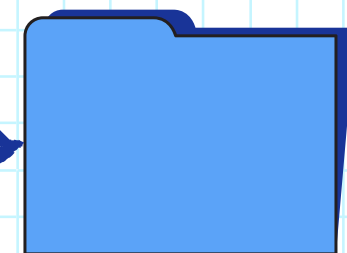
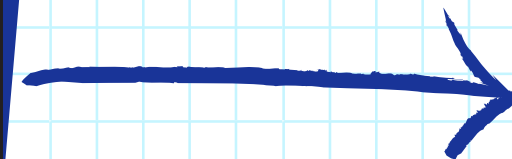


Folder 2

pwd



Folder 1



Folder 2

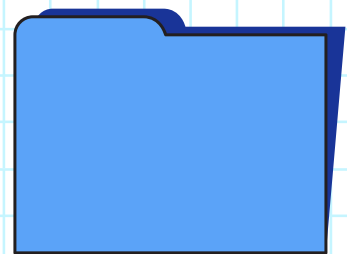
NOTE: Pay attention to the naming of your files!

NOTE2: Dont forget about cd ..



touch

Creates a file or multiple files

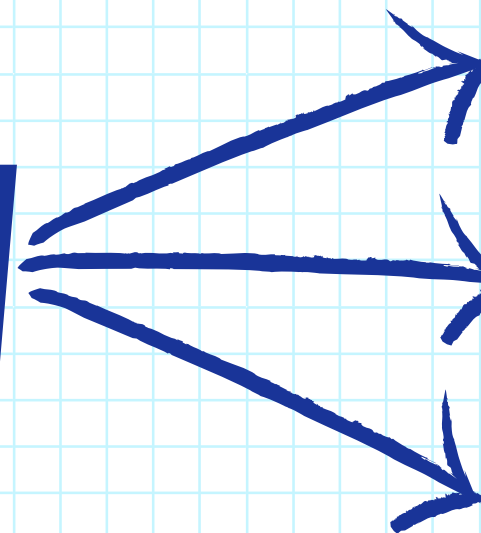


Folder

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



Folder



file1.py



file2.js

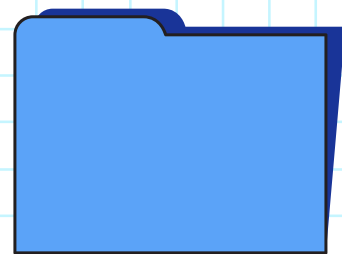


file3



mkdir (make directory)

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

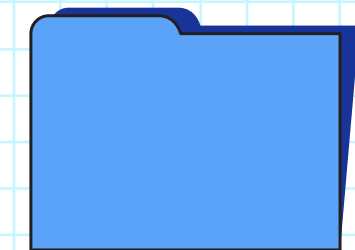
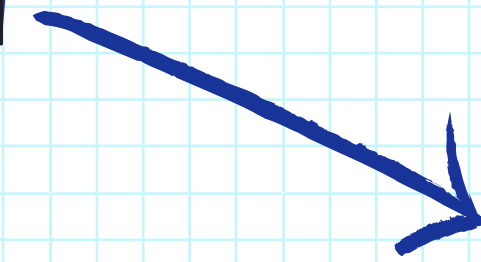
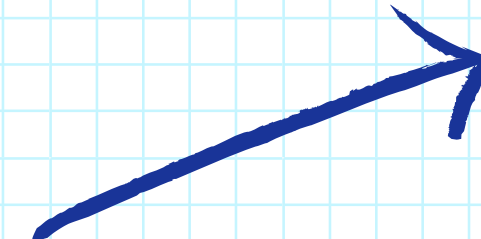


Folder

`mkdir Folder2 Folder3`



Folder



Folder2

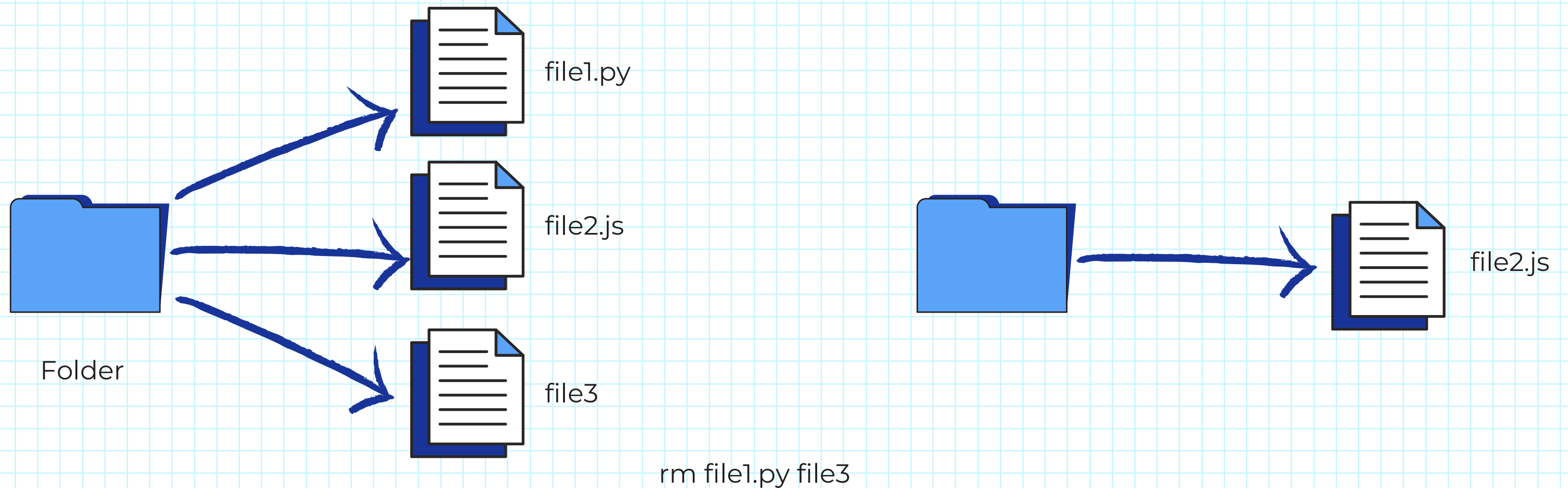


Folder3



rm (remove)

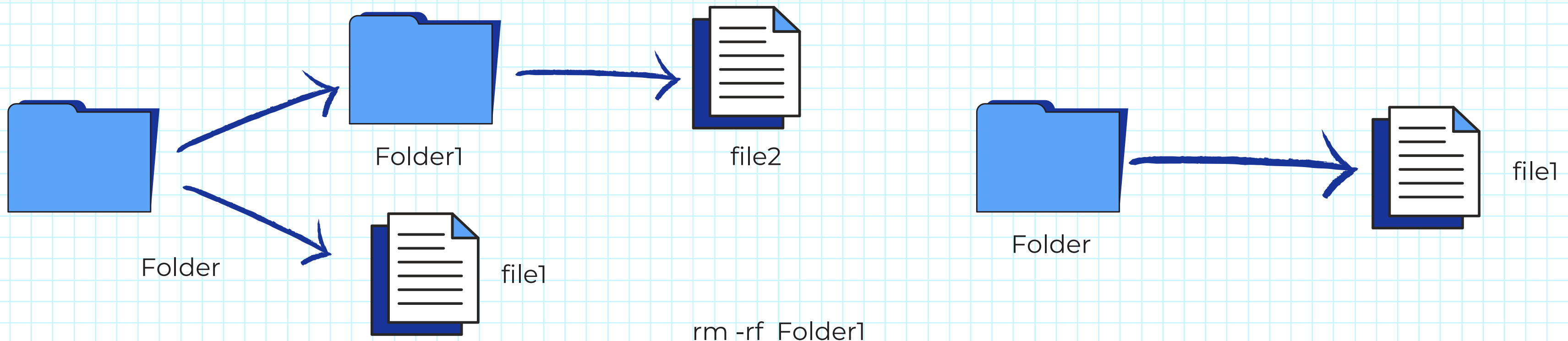
Deletes a file or multiple files



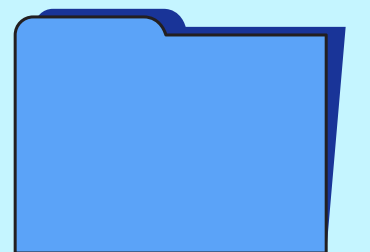
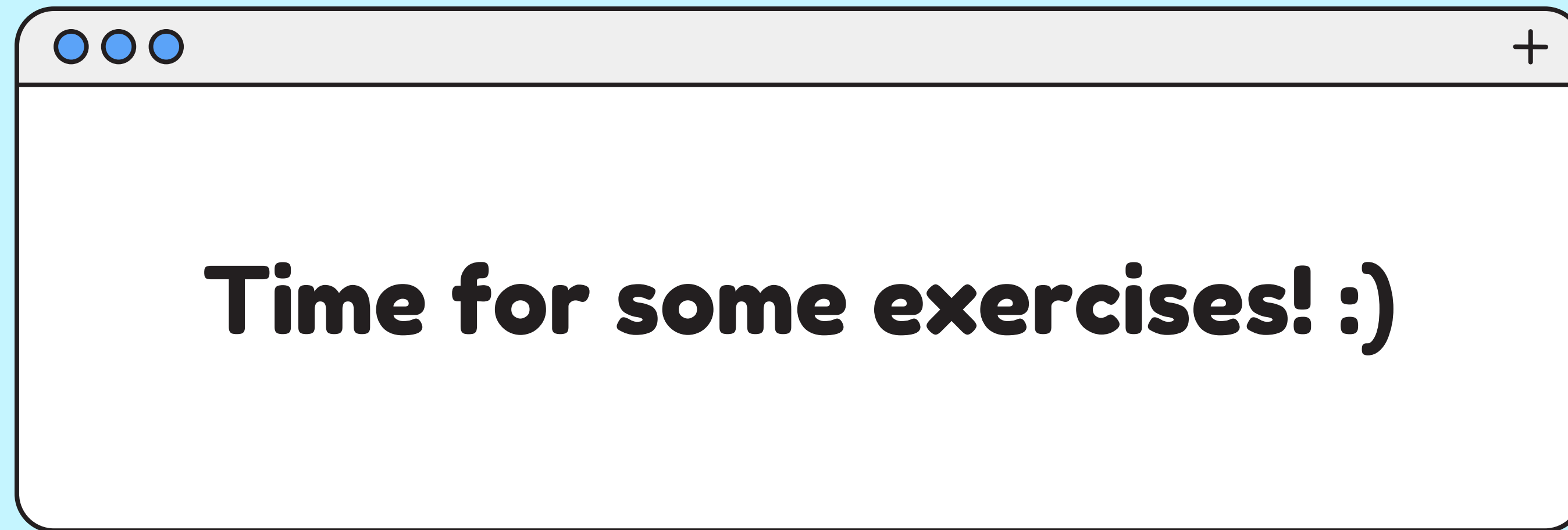


rm -rf (remove)

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

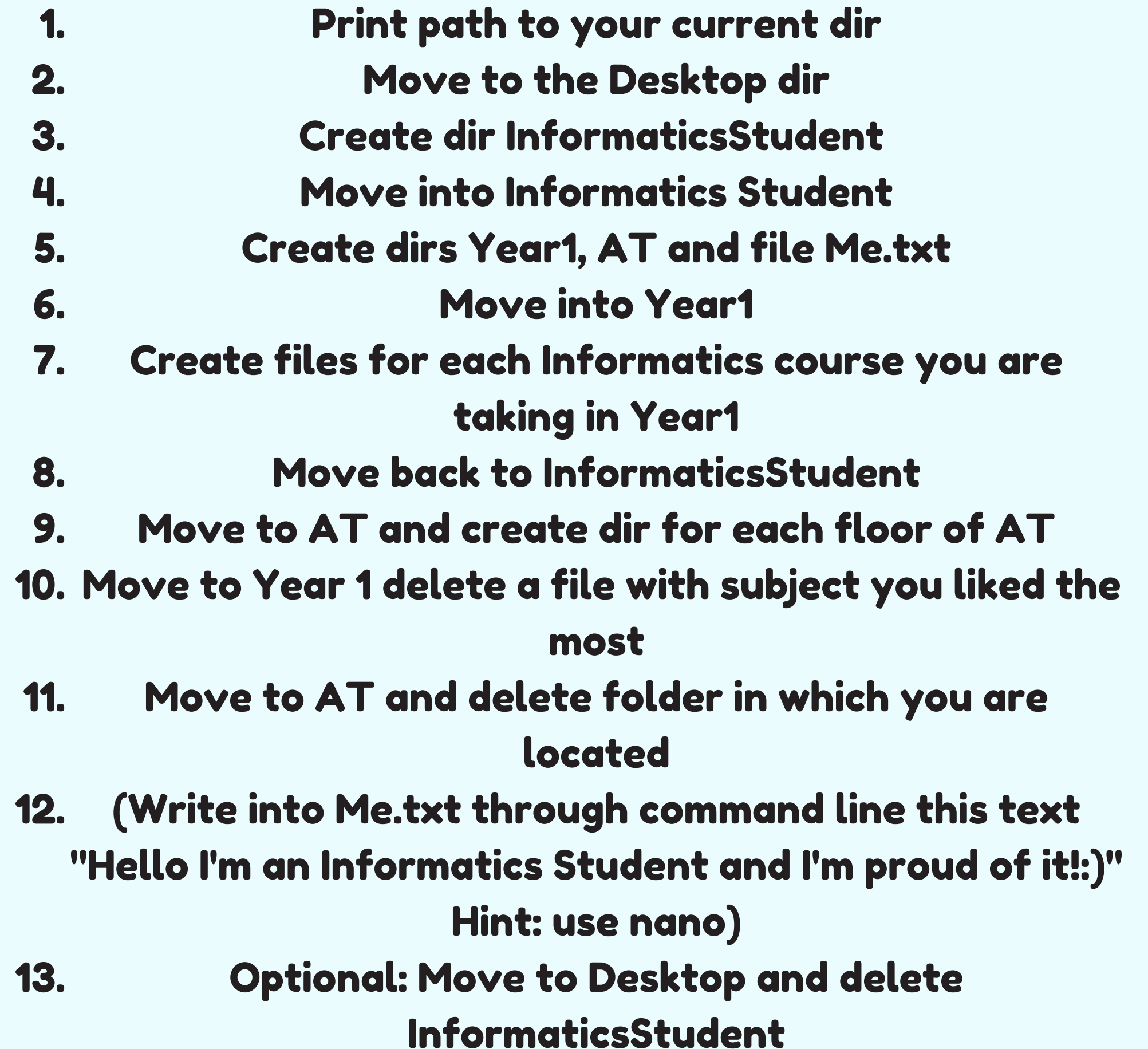


Now it is your turn!



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 Informatics Student**
 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**
 11. **Move to AT and delete folder in which you are located**
 12. **(Write into Me.txt through command line this text "Hello I'm an Informatics Student and I'm proud of it!:)")**
Hint: use nano)
 13. **Optional: Move to Desktop and delete InformaticsStudent**