1) Look where I am

pwd

2) Create a folder

— mkdir -p Group-18/Linux\_terminal

3) Go into the folder

— cd /Users/Anton/Desktop/Group\_18/Linux\_terminal

4) Create 3 folders

— mkdir Lesson\_1 Lesson\_2 Lesson\_3

5) Go into any folder

— cd Lesson\_1/

6) Create 5 files (3 .txt, 2 .json)

- touch File1.txt File2.txt File3.txt File4.json File5.json

7) Create 3 folders

— mkdir Lesson\_1.1 Lesson\_1.2 Lesson\_1.3

8) List of the folder's content

— ls -la

9) Open any .txt file

— vim File1.txt

10) + Write anything there, any text

— press 'I' — type any text

11) + Save and exit

— press 'Esc' — press :wq — press 'Enter'

12) Navigate up to one directory level up

— cd ..

13) Move any 2 files you created to any other folder

— mv File1.txt File2.txt Lesson\_1.1/

14) Copy any 2 files you created to any other folder

— cp File4.json File5.json Lesson\_1.2/

15) Find a file by name

— find . -name File1.txt

16) View the contents of files in real-time (grep command), learn how it works

To view the content of the file in real-time I've used the 'more' command.

The syntax is as follows:

more FileName

Grep command searches the given file for lines containing a match to the given strings or words.

The syntax is as follows:

grep 'string' FileName - search any line that contains the 'string' in the FileName

grep 'string' FileName\_pattern — checking for the given string in multiple files

grep -i 'string' FileName - case insensitive search using grep -i

grep -w 'string' FileName - checking for full words, not for sub-strings

grep -r 'string' \* - checking for the 'string' in all the files in the current directory and all its subdirectory

17) Show the first few lines from a text file

— head -n 2 File1.txt

(where -n 2 is the number of shown lines, by default it will print 10 top lines)

18) Show the last few lines from a text file

- tail -n 2 File1.txt

(where -n 2 is the number of shown lines, by default it will print 10 top lines)

19)View the content of a large file (less command) learn how it works

— less FileName

The most frequently used commands to navigate through the file content:

Down arrow, Enter, e, j - Move forward one line

Up arrow, y, k - Move backward one line

Space bar or f - Move Forward one page

b - Move Backward one page

n - Repeat previous search

N - Repeat previous search in reverse direction

g - Go to the first line in the file

Ng - Go to the N-th line in the file

G - Go to the last line in the file

q - Exit less.

20) Show date and time

— date