

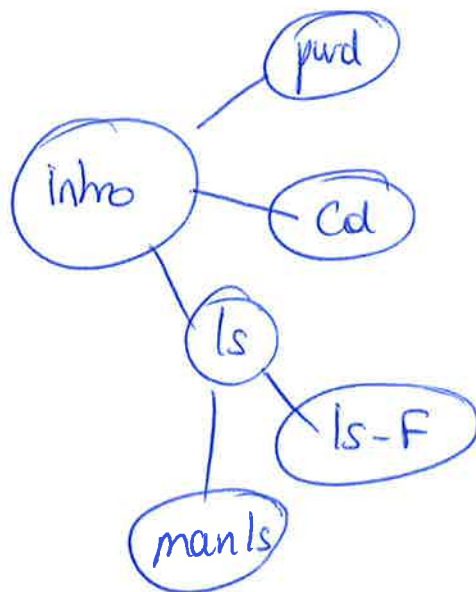
Introduction - 13:30 - 14:00

30min

9

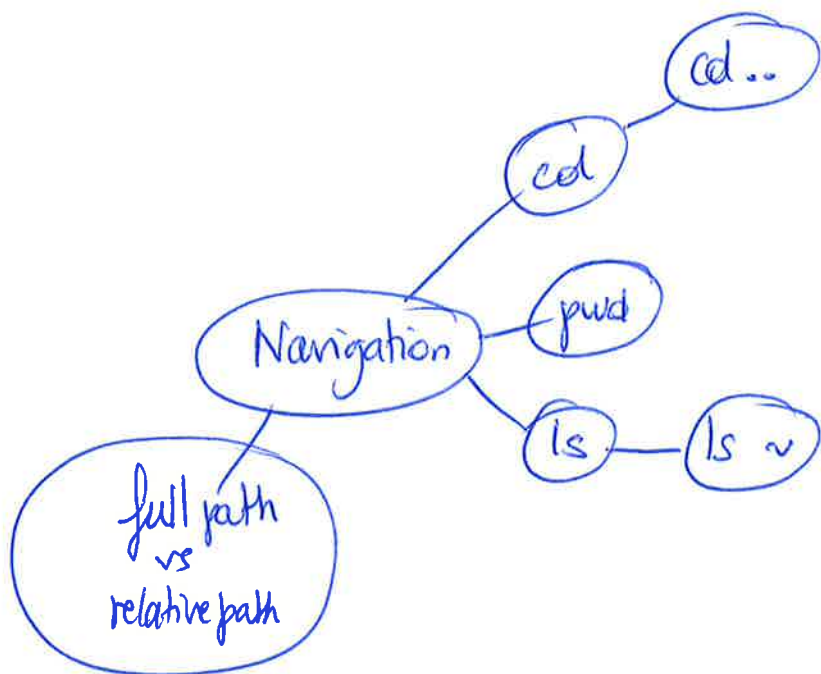
How to access the shell?

- open terminal
- ssh to cruktraining.cruk.cam.ac.uk
- clear



Navigating Files & Directories 14:00-14:30 (2)

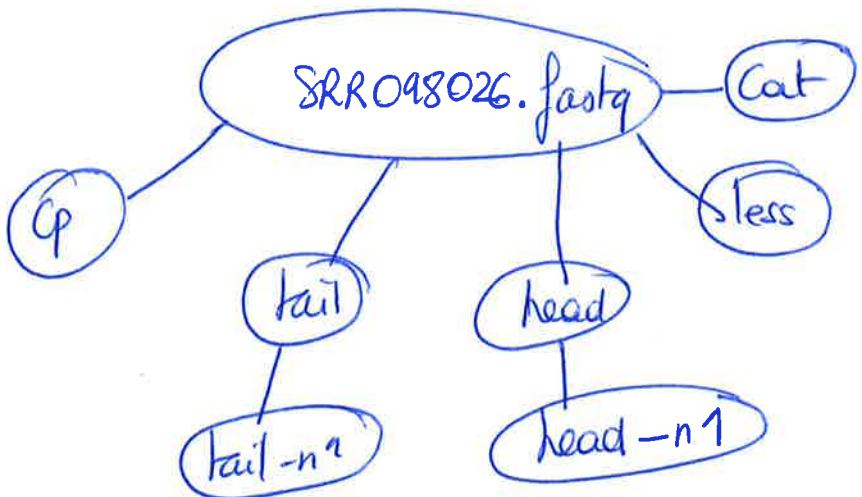
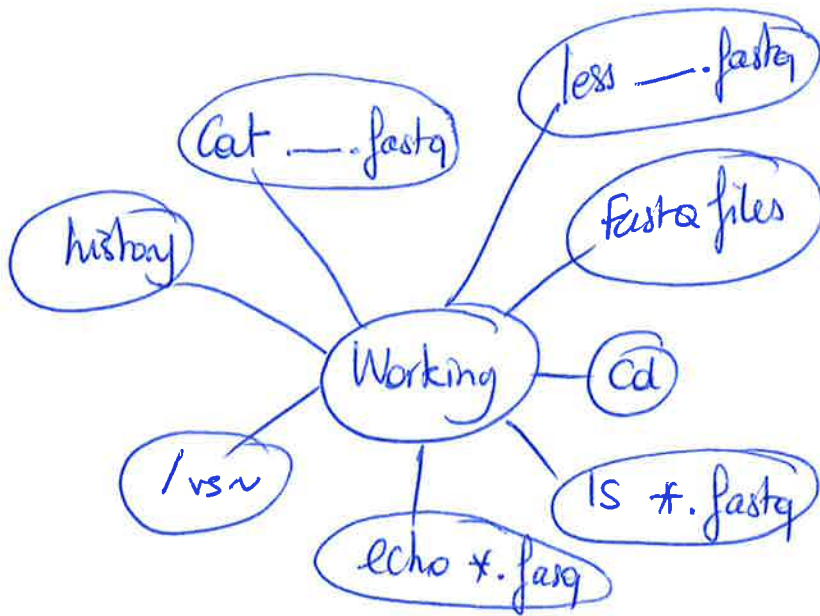
30min

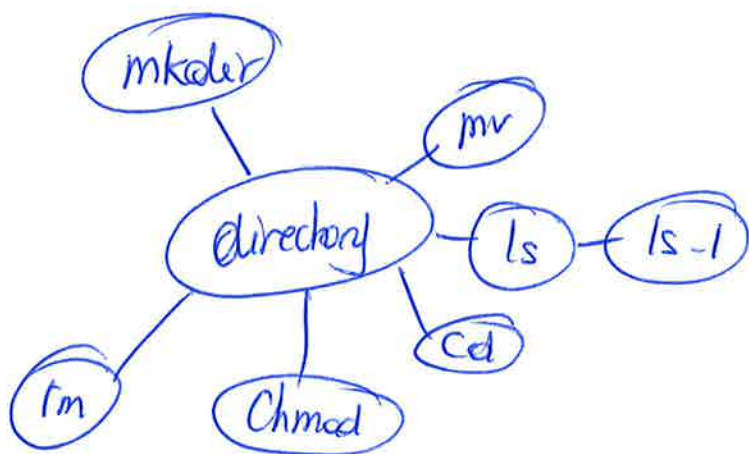


Working with Files & Directories 14:30-15:15 (3)

45min

Coffee 15:15-15:30

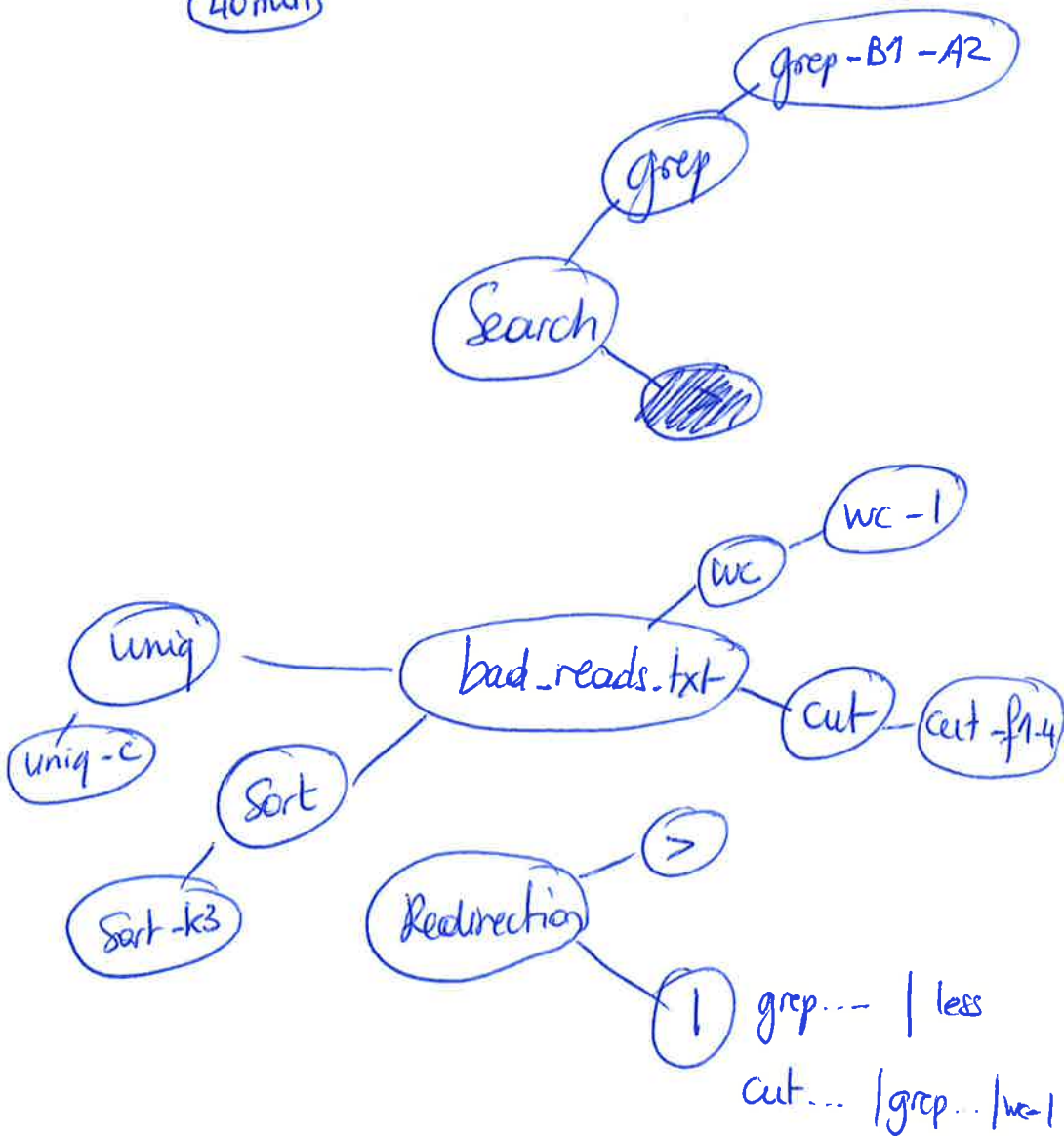




Redirection
(40 min)

15:30 - 16:10

(5)

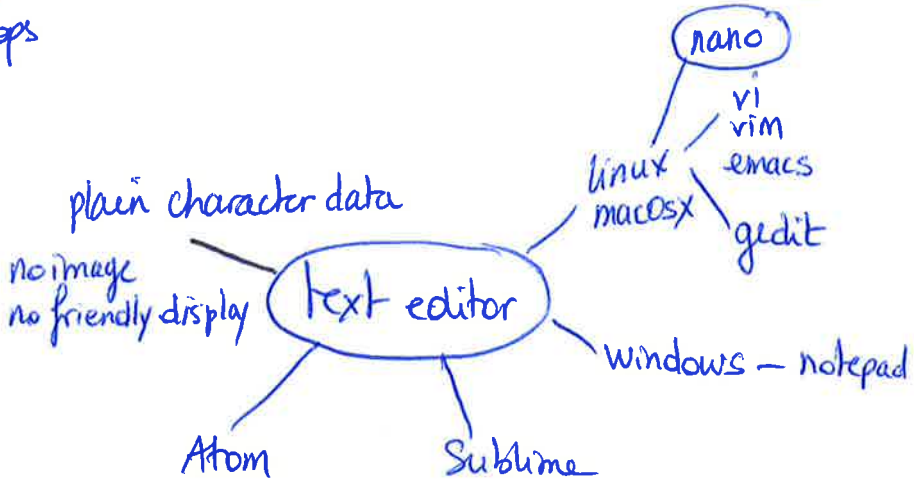


Writing Scripts 16:10-16:50

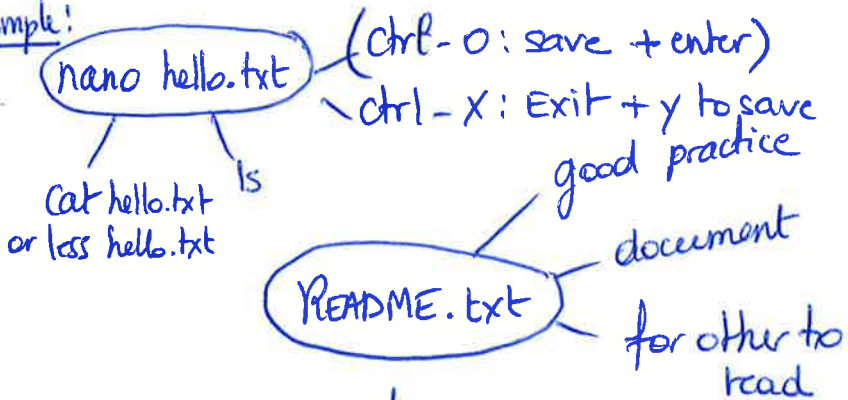
5a

& loops

part 1

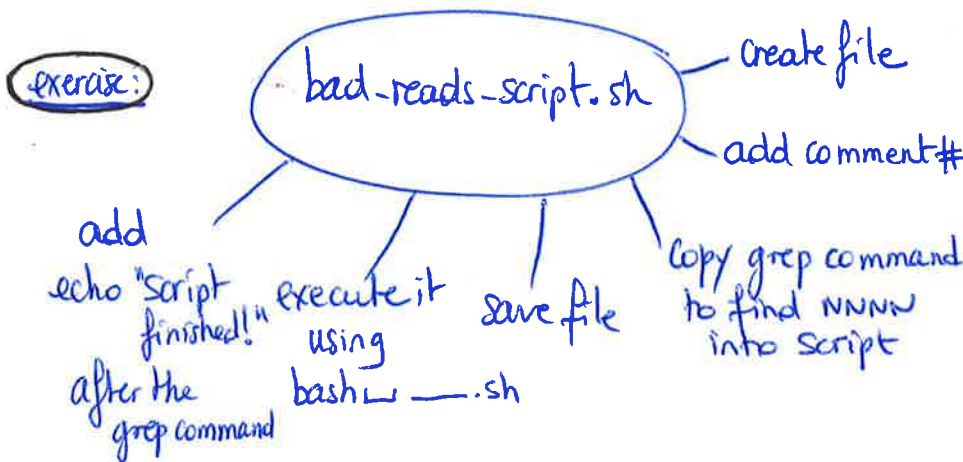
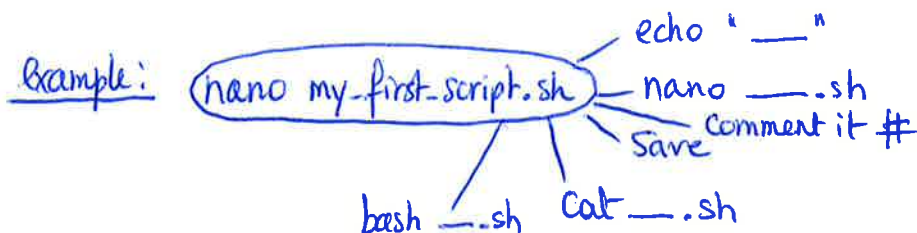
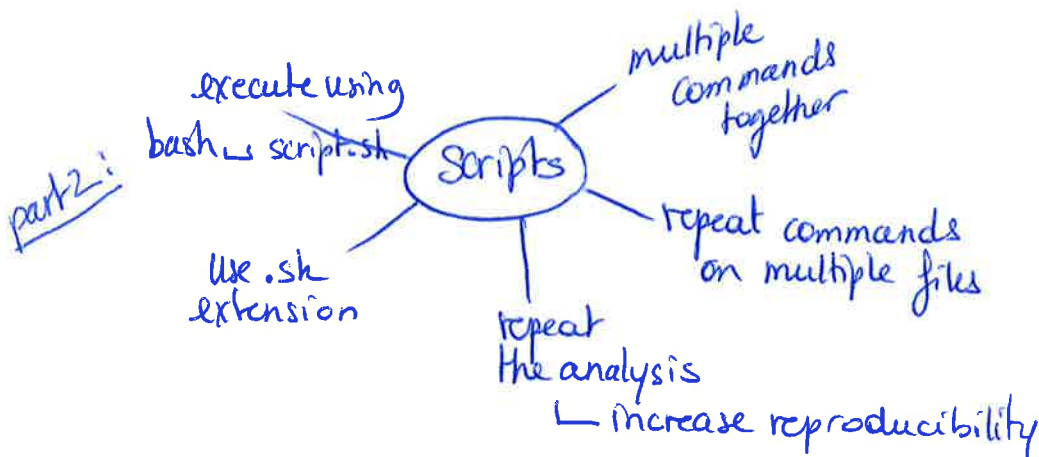


example!

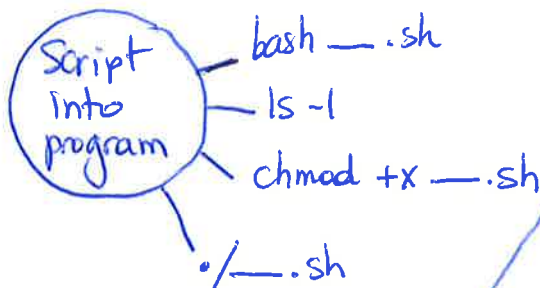


exercise - create a README.txt file in untrimmed-fastq folder

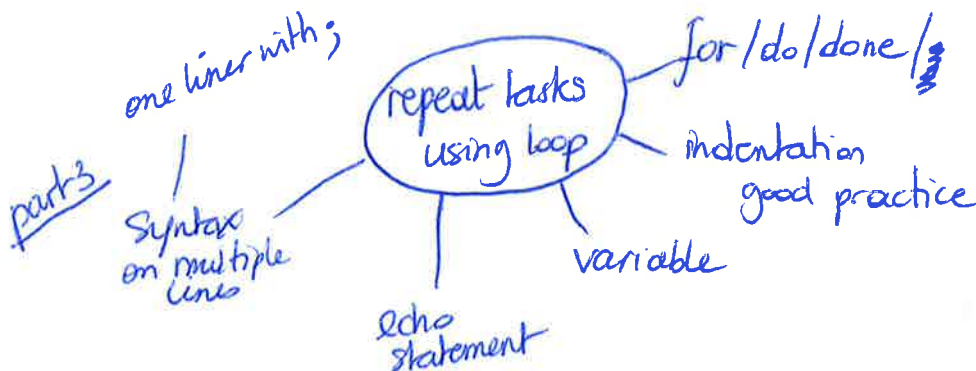
- describe files in this directory
- add the date at the top
- save file.



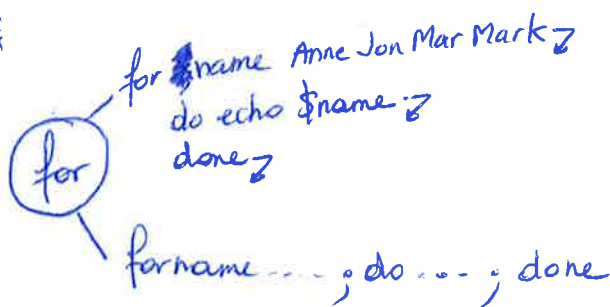
depends on time!



6b

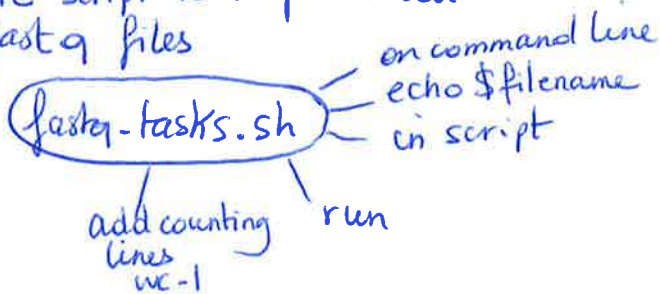


example 1:



example 2:

write script to loop over all fastq files

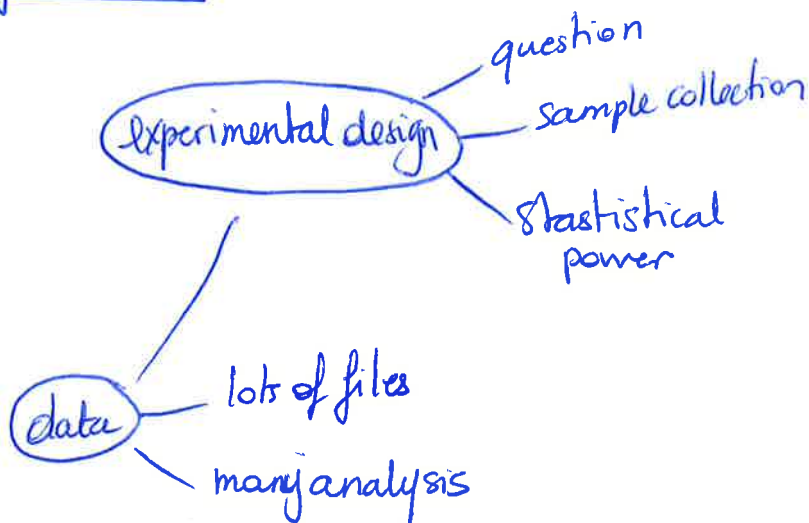


exercise

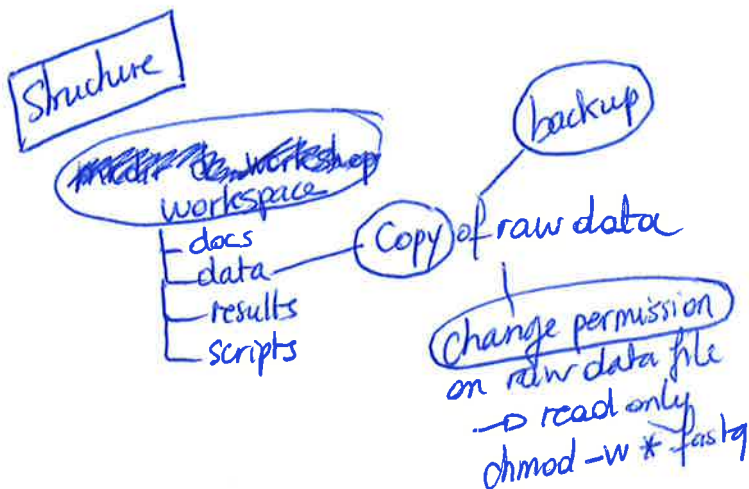
find number of bad reads in each file

Project Organisation 16:50 - 17:00

⑦

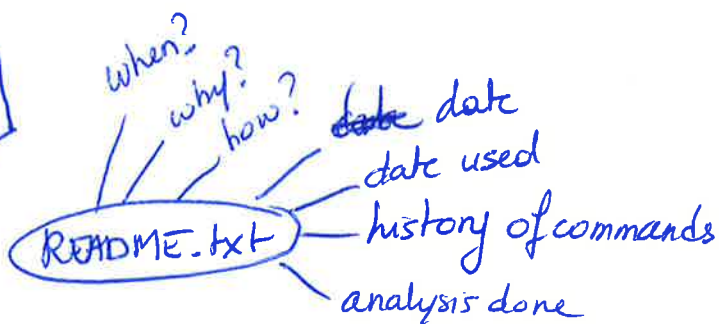


- meaningful name for files & folders
- no space & special characters
- date always starts with year month day
- README file for documentation



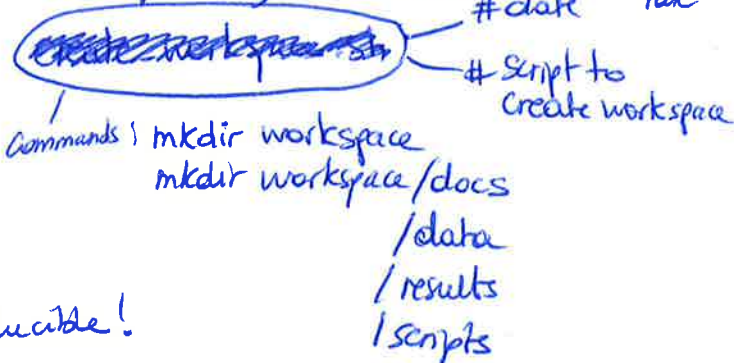
→

documenting



Exercise!

Create script to create a work space log with
workspace-log-2018-11-13.sh #date all commands ran



make sure it is reproducible!

1. `rm -r workspace`

2. recreate your workspace with the script.