**Useful Linux & Terminal Commands**

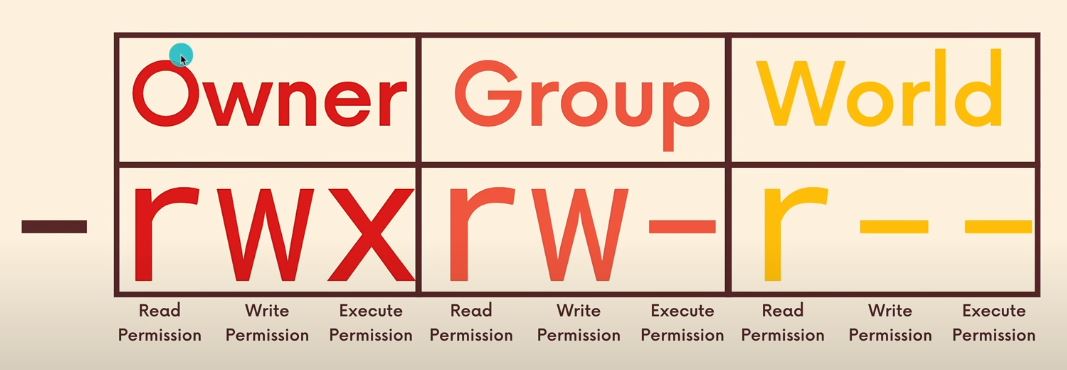
1. whoami – who is logged in
2. man(manual) – helps understand other commands
3. clear – clear all commands on screen / clear -x (still has history) ctrl-L
4. pwd – print name of working directory
5. ls – list contents in the directory / ls -l (long listing format with folder permissions, filesize, creation date) / ls -a (see everything) / ls -al (hybrid of both)
6. cd – changing directory (help cd instead of man cd) / cd.. (backup one level of folder)

*cd ~ = home directory cd / = root directory*

![Diagram

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDoRXhpZgAATU0AKgAAAAgABAE7AAIAAAAKAAAISodpAAQAAAABAAAIVJydAAEAAAAUAAAQzOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEtpbmcgTG9rZQAABZADAAIAAAAUAAAQopAEAAIAAAAUAAAQtpKRAAIAAAADMDkAAJKSAAIAAAADMDkAAOocAAcAAAgMAAAIlgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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VWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD6CooorhOkKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooqhqGu6VpUix6lqNtau4yqzSqpI/GgC/RWL/AMJl4b/6Dmn/APgSn+NNuPE2l3emX39karaz3MdtJIohmV2BCk5wKY+Vm5RXmPwW8Taz4k0/VH1y/kvGhmVYy4A2jHsBXp1ANNOzCiiikIKKKKACism48VaDa3DwXOsWUUqHDI86gqfQjNSWniTRb+YQ2WrWc8h6JHOrE/hmmOzNKiiikIKKKKACiiigAooooAKKZNNHbwvNO6xxoNzOxwFHqayf+Ex8OHprmn/+BKf40x2ubNFQ2t7a30XmWVzFcJ/eicMP0qegQlFIrq+djBsHBwc4paQBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAtcR43+GNh431GC8vb6e2aGPywsaggjOe9dtS0xptbHzDe+ALK1+KkPhVbuY28hUGYqNwyM9OlepaV8KNO8Gw6lqVnqFxcSGxmTZIigYKn0rmdX/AOTlLT/fT/0E17Hrn/Ivaj/16y/+gGmbTnKyPKv2ezjStZJ/57r/AOg17H16V8t+AvCviLxdDe2Oi6j9hskYPOWdlVm7D5eTXZ/DPXNc8NeP5fBuvXMlxGxKoHcvsYDIKk9iKGgnG7bue5YpMg9K8g+KXjfVm8Sw+EfDFz9lmkAE86vtIJ/h3fwjHU1zmoeAte8L6adc0rxlHc3sI8yaKO4YH3xlju/EUWIUNNWfQVHpXG/DHxjJ4x8Li4vAovbdvKn28Bj2bHvXZUiGrOx83r4Vt/GHxn1fTLueSCMyyPvjAJ4+ta3jL4MR+GPD02taLqk0slniR0kUKQM9VI7isO58TXfhT4wavqVhZC9lE0ieUSRwe/ANaGsfEzxR8QLV/DenaPHA9zxKkJZ3Iz0OQMCqOj3tLHqvws8ST+J/A1vc3pLXMLGCR/7+3ofyrsSccniuF0Wzh+FnwreS9Iea3jMsoB+9K3RR+PFeZ6ZoPjb4sedq1xq32SzDkRB5HVAfRVX09aVjLl5m30PoaivB9C17xR8M/GVtoXie5a7065YKrPIXUAnAZGPI57V1nxZ8e3ugpaaL4dJGpXwz5iDJRTwNvuaLCcHfQ9MzzjvS14B/wqbx4LL+2Rrbf2jjzPJF1J5vrjd0z7V0ngPxZqvjbw3q/hnU7gwaxDEUjuiSrEdMnHOQfSjlBw0umU9J1K+f9ou8s2vrk2ql8QGZig4H8OcV7PXy3Y+DdXn+Jk3h2PWSmoxlt18HfnA55+9X0P4O0S98O+GLfTdTvjf3MTMWnLMd2TkctzQyppJId4x/5ErV/wDr0f8AlXhXw1+GFh420W5vLy+ntnim8sCNQQeM96928Yf8iVq//Xo/8q4H9n//AJFO+/6+v/ZRQgg2oto5TW/B/iP4SXket+H9Qa6sAwEhwVH+665wQfWvZPDuuxeMvB8d/ZuYGuYWRsHJifGD+Rqfxdaw3vg3VoLgAxtaSE57EKSP1FeafAi5mPg/XICT5cUjMhz0JTtT3BvmjdnR/DPwJq3g2fU31bUUuRdOPLSN2YcfxHPQmu/rx74E6he31zrovby4udki7fOlZ9vJ6ZPFcdc6r4ruPidq2meHL65NxczSQopmYrGueSMnC49amwcrcrH0lnNBIHU15JY2Op/CHwlq2ra3qMeo3V0UWBA7t+8Oepb8/wAK5XSPC/iD4hWra1rni1LESEmCOSY/ooICinYXJ1ufQtLXiPgTxbrfhjxsvhHxJfLqFtKdkM/m+ZtP8OG6kH0PStD4oeNtak8RweEPCLPHdSgCWWI4ck9FB7DHJNFhODvY9dBBPWoNQJXTLplJUiByCDjB2mvBb34Y+O/Ddi2uWetNNcwr5ksdvcSGQDqevDfSuggvNZ+KHw5Ma3j6XqemyE3L4dBMoU8jHrRYHBdx/wACdRvb/wDtv7de3FzslUL58rPt69MnivXq+Y/h14M1jxRJenSNaOmi1kXzAHdfM/75/rXofxQ8a6vpFxYeFfDkrDUbiNRLNHy/PAC+hPXNFi5xXNZHrORnGeaK8An+FfjvTLE61Brhkvo1814Y7mTzB3PJ4J9q9A+Enjm48XaPPbaoQ2o2LBZHAx5ino2PXgiixLjZXTPQKTIPQ18x6Ld+L9Z8W6no2galc+ZdyOrvJO2IkDHJBz8vXtzWh4o8IeJPhxp1jqra5NcMbrMghnk2AjBGQeucEUWH7PzPo2iufuPFFvF4AfxFvAj+x+cp/wBojgfmQK4P4Hw6lqMepa9ql5czrNJ5UKyzMyjuxAJx1OPwpWI5XZnrdFFFIkKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKbLLHBGZJnVEXqzHAFOrzn4m3sv2q1sg5EW0uyg9TUVJ8kbnThaDxFVU07XOzPiXRFODqlqD/11FJ/wlGh/wDQVtP+/orxLA9KK4vrb7H0n9gU/wCd/ce2/wDCT6H/ANBW0/7+ij/hJ9DPTVbX/v6K8SoxR9bfYP7Ap/zv7j3q2vbW8Xda3Ecy+qMDU9eG6Lfz6bqsE9s5T5wGAPDDPQ17fHKrxq2R8wz1rpo1vaI8bMMA8HJJO6Y+ik3D1FLuHqK3PMsFFG4eooyPUUBYKKMj1FGR6igAoo3D1FG4eooCwUUbh6ijOaACiiigQUUUUAFFFFAHh2r/APJydp/vp/6Ca9j1z/kXtR/69Zf/AEA1y918OEuviPF4sOpsrRkH7N5OQcDH3s/0rsL62+26fcWpbZ58TR7sZ25GM/rVFykmkeR/s9f8grWf+u6/+g1n3P8Ayc7F/wBdB/6BXofw/wDAKeBLW8hTUWvftUgckxbNuBjHU1Xk+G8cnxMXxf8A2mwZWDfZfJ4Py4+9n+lBXMuZs8r8baHYj43TQeJpJYdOv5A/mxsBgMOOSD3rrdY+EPgLQ9Gl1O/vr9LaNdwYTp83oB8vJNd14y8C6T42sli1INFPGD5VzH95P8R7VwFr8AR9qQap4jmuLOM8QpEQSPTJYgflTuhqaaWtjoPhFZ+Ho9IvbvwsuorbzShWN9t5IH8OK9DqnpOk2WiaZDYaZCsNvCMKo/mfU1cqWZy1Z4d4NP8AxkJquP7039Kn+KmjXHhHxdZeNtDBjDSAXKr03e/swrtNH+G6aT8QLrxONTaVrgufs5hwF3f7Wf6V0+uaPa+INFudMv13Q3CFTx909iPcGnctyV0ziPH1wPGXwZl1DSD5isqXDKvJAU/MPwzTfgz4k0278D2+mLPHHeWeVkiZgCRnhq2fA3gJ/BdjdWDaq2o2VwciGSDYEJ6/xHrXK+IfgLpuoag91ompPp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1. mkdir – creating folders/directory / mkdir -p summer/winter/lettuce (to make several folders at one go)
2. touch (create an empty file)
3. rmdir- delete folder only works if its empty
4. rm - (remove files or directories) / rm -v (tells you what its being done) / rm -r (all deleted) rm-I (helps inquire if you want to investigate the folder)
5. open - open file / xdg-open .
6. mv – move files around / or rename
7. cp – copy files or folders / cp -r
8. head – output the first part of files/ head song.txt -n 100 (prints 100 lines)
9. tail – opposite of head (by default they will show 10 lines) / tail -f logs(shows live)
10. cat – concatenate files (printing out the content of the file)
11. less – read files in a nice way like search and read / Q to quit, arrows to scroll, g and shift g
12. echo “Example” – prints the word inside a file / echo \*.??? (? Represents 3 characters) / echo {a,b,c}.txt (create every combination of a.txt, b.txt, c.txt / echo Day{1..365}
13. wc -gives counts |-l line | -m words | -c bytes
14. sort – find and search text file(alphabetical in order) / sort -nr (descending number order) sort -u for unique numbers and not repetitive
15. uniq – report or omit repeated lines/ uniq -d(print only duplicated lines)
16. diff – compares two different files / diff meme.txt meme2.txt
17. find – search for files in directory / find . -name ‘\*7\*’
18. grep – search in files, or combine it with pipes to filter the output of another command. / grep -n green SongOfMyself.txt (highlights every green color in txt with line number -n)
19. du -calculate the size of a directory, estimate file space usage
20. df – estimate disk usage
21. history – display all command
22. ps – computer processes
23. top – display and update sorted information about processes
24. kill – terminate or interact with programs / kill<PID> / killall -9 node
25. killall <name>
26. jobs, bg, fg
27. gzip – use to compress a file / gzip -k filename (keep original and create a new file compressed)
28. gunzip – use to decompress a file / gzip – d filename
29. tar – archive multiple files into a single file / tar -cf archive.tar file1 file2
30. nano – text editor/ VSCode is a lot better
31. alias – like a bookmark feature / alias myls=’ls -la’
32. xargs – reads items from the standard input / cat deadPlayers.txt | xargs rm
33. ln – hard link each file to point to each other / ln original.txt hardlink.txt
34. who – displays the users logged into the system
35. su – switch user
36. sudo – admin priveledge
37. sudo – change password / passwd jakeloke / sudo passwd jakeloke
38. chown – change owner of files / sudo chown colt Music/ /
39. chmod – change modifications of the file owner / chmod mode file



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