

Pre: Know about the commands listed below

Uname, cat, echo, whoami, chmod, chown, du, df, apt-get, mv, cp, rm, tail, head, grep, ssh, tr

- e0. Use the command uname to simultaneously show the name and version of the system
- e1. Use the command echo to show the full path of your home directory
- e2. Use the command whoami to show the current login user.
- e3. Make the file 1.sh in the current directory executable.
- e4. Show the disk usage of the current directory, with depth 1, and human readable output.
- e5. Change the name of file 1.sh to 2.sh
- e6. Use apt-get to install jq.
- e7. Use ssh to connect to 10.19.248.12, with user oyel.

n1. Show line 6-10 of file /etc/hosts.

n2. Copy the file 1.sh in the current directory to your home directory, the modification time should be preserved.

n3. Make the files and subdirectories of directory "dir" readable, writable, executable to all users, use mode.

n4. Use grep to find all matches of pattern "url" in file "commits.json", print 1 line of leading and trailing context surrounding each match.

h1. Show all the hidden files and directories under your home directory, do not include "." and "..".

h2. Echo every 2 letter combination of a, b, c, and d including doubles. Do not write out all combinations manually, and do not use loops.

h3. Use awk to show the first and the second column of command "ls -l", the header should not be included(grep -v).

h4. Transform all uppercase letters to lowercase in the file "input.txt", and output the result to "output.txt".

h5. Find the three most space-consuming sub-directories under the current directory, output them in descending order.

h6. Write a script to sum from 1 to 100.

h7. Write a script to show the number of lines of each file in the current directory.