Week Report 3

Completed work for week 3

- Lab 3
- Notes 1

Practice 2: Accessing the bash shell

```
1:richard@cis106:~ $\frac{1}{2}$

1:richard@cis106:~ $\frac{1}{2}$ bash --version

GNU bash, version 5.1.16(1)-release (x86_64-pc-linux-gnu)

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This is free software; you are free to change and redistribute it.

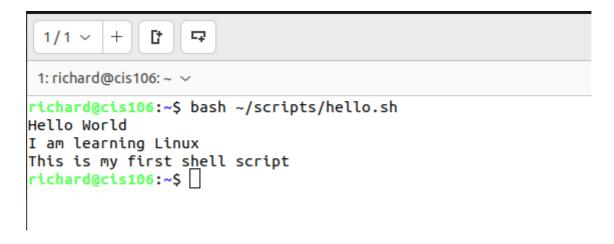
There is NO WARRANTY, to the extent permitted by law.

richard@cis106:~ $\frac{1}{2}$
```

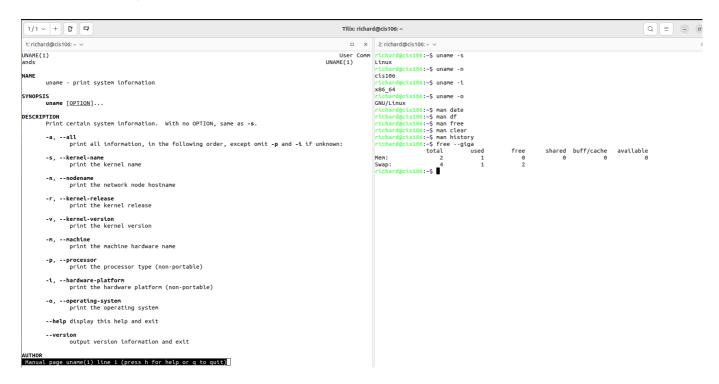
Practice 3: Using the command history

```
D†
                 豆
 1/1 ~
 1: richard@cis106: ~ ~
   50 echo -e "This is line1\n\tThis is line2"
   51 echo -e "\tThis is line1\n\tThis is line2"
   52 echo main
   53 man echo
   54 man uname
   55 man date
   56 git pull
   57 git add .
   58 git commit -m "lab 3 finished"
      git push
   59
   60 git pull
   61 git add .
   62 git commit -m "lab 3 finished"
   63 man free
   64 man uname
   65 man history
   66 man
   67 man man
   68 man apt
   69 man man
   70 man date
   71 man free
   72 man uname
   73 clear
   74 man history
   75 man snap
   76 man flatpak
   77 clear
   78 bash --version
   79 clear
   80 date
   81 echo "hello world"
   82 uname -a
   83 history
richard@cis106:~$ !81
echo "hello world"
hello world
richard@cis106:~$ !!
echo "hello world"
hello world
richard@cis106:~$ echo "hello"
hello
richard@cis106:~$ !!world
echo "hello" world
hello world
richard@cis106:~$
```

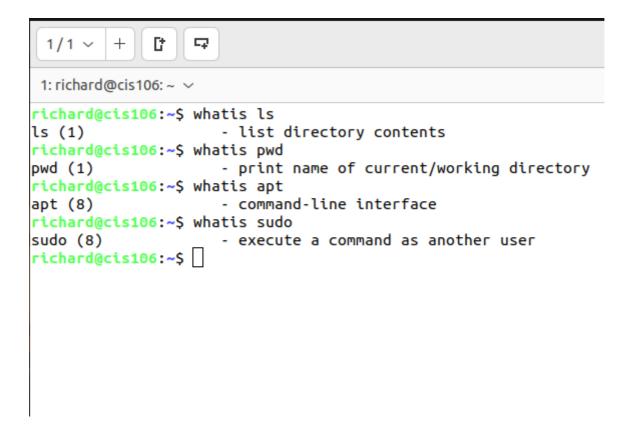
Practice 4: My first shell script



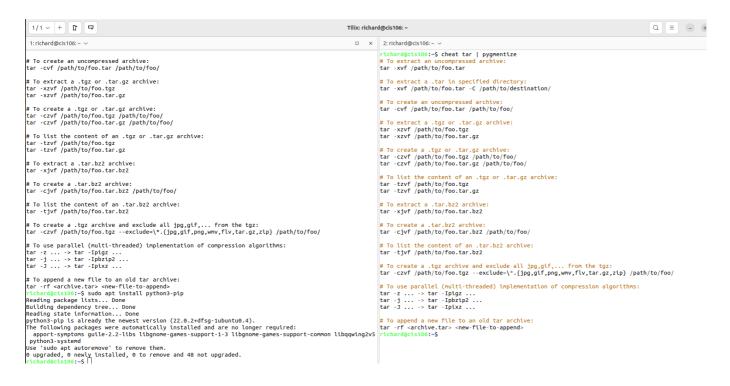
Practice 5: Using man



Practice 6: Using the help option



Practice 7: Cheat!



Practice 1: Managing Software

```
댝
 1: richard@cis106: ~ ~
Processing triggers for hicolor-icon-theme (0.17-2) \dots
Processing triggers for gnome-menus (3.36.0-1ubuntu3) ...
Processing triggers for libc-bin (2.35-0ubuntu3.6) ...
Processing triggers for man-db (2.10.2-1) ...
richard@cis106:~$ man bastet
richard@cis106:~$ bastet
richard@cis106:~$ sudo apt bastet
E: Invalid operation bastet
richard@cis106:~$ sudo apt remove bastet
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  apport-symptoms guile-2.2-libs libboost-program-options1.74.0 libgnome-games-support-1-3
 libgnome-games-support-common libqqwing2v5 python3-systemd
Use 'sudo apt autoremove' to remove them.
The following packages will be REMOVED:
 bastet
O upgraded, O newly installed, 1 to remove and 48 not upgraded.
After this operation, 212 kB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 226223 files and directories currently installed.)
Removing bastet (0.43-7) ...
Processing triggers for hicolor-icon-theme (0.17-2) ...
Processing triggers for gnome-menus (3.36.0-1ubuntu3) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for mailcap (3.70+nmu1ubuntu1) ...
Processing triggers for desktop-file-utils (0.26-1ubuntu3) ...
richard@cis106:~$ sudo apt purge bastet
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  apport-symptoms guile-2.2-libs libboost-program-options1.74.0 libgnome-games-support-1-3
 libgnome-games-support-common libqqwing2v5 python3-systemd
Use 'sudo apt autoremove' to remove them.
The following packages will be REMOVED:
 bastet*
O upgraded, O newly installed, 1 to remove and 48 not upgraded.
After this operation, 0 B of additional disk space will be used.
Do you want to continue? [Y/n] y
(Reading database ... 226213 files and directories currently installed.)
Purging configuration files for bastet (0.43-7) ...
richard@cis106:~$
```

Practice 3: Installing and removing snaps

```
1/1 ~ | + |
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                                                                                                Tilix: richard@cis106: ~
 1: richard@cis106: ~ ~
richard@cis106:~$ snap search "tetris clone"
                           Publisher
                  Version
                                         Notes
                                                Summary
tetris-in-racket 1.2-2
                                                 Tetris clone developed in Racket
                                                 Console based version of Tetris
vitetris
                  0.57
                           bladernr
fairtris
                  3.0.0.4
                           chronoscz
                                                 A fair implementation of Classic Tetris® video game.
                  1.0
                           kz6fittycent
                                                 Poor Man's Tetris Clone
ltris-windows
                  1.2.3
                                                 A free Tetris clone that follows the original rules but adds some extras
                           marisag1967
 ichard@cis106:~$ sudo snap install tetris-in-racket
tetris-in-racket 1.2-2 from Bruno Nova (brunonova) installed
 ichard@cis106:~$ sudo snap remove tetris-in-racket
tetris-in-racket removed
 ichard@cis106:~$
```