

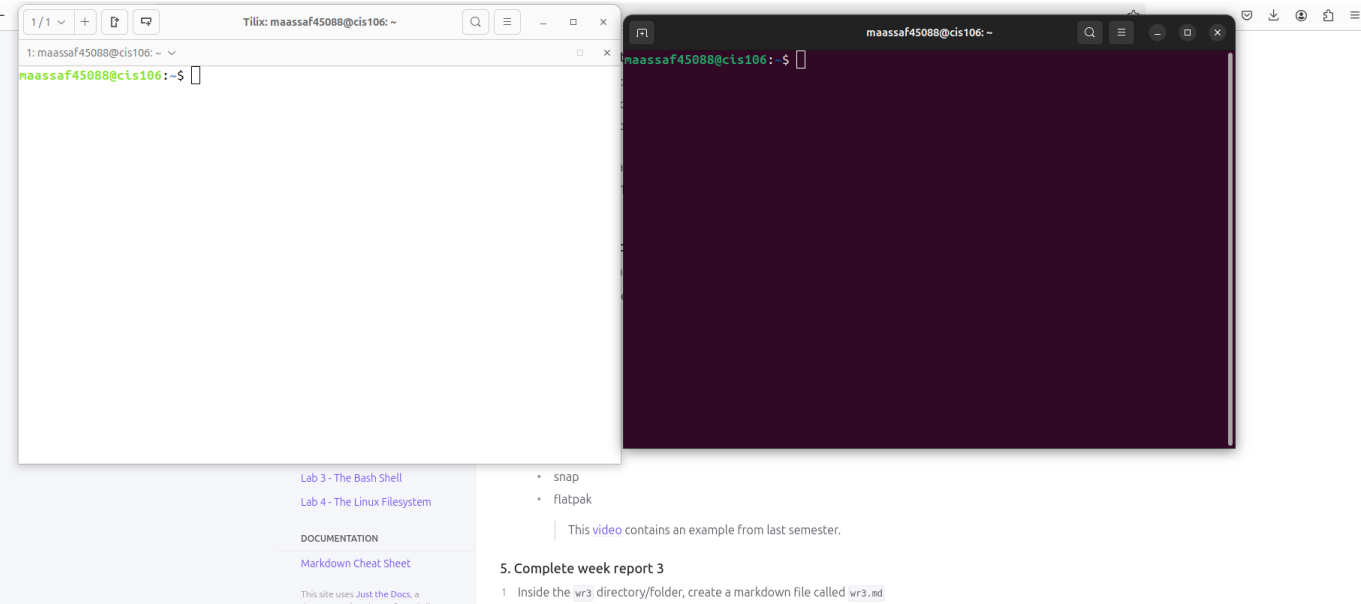
Week Repott #3

Completed Work Week #3

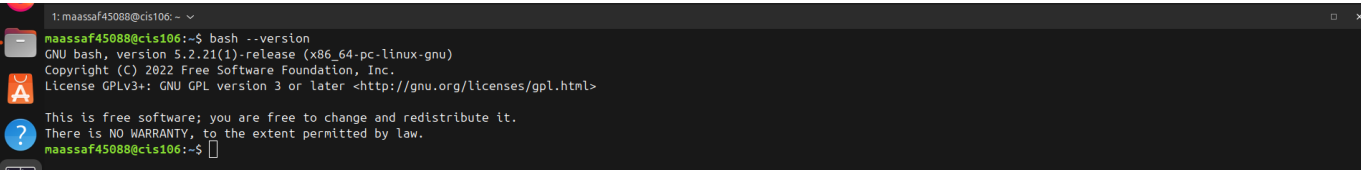
- [lab3](#)
- [notes3](#)
- [managing software cheatsheet](#)
- [What is a shell](#)
- [Managing Software](#)

Practice

Practice 1



Practice 2



Practice 3

```
1: maassaf45088@cis106: ~  
129 ls -t ~/Documents  
130 ls -S ~/Documents  
131 ls -r ~/Documents  
132 ls -R ~/Documents  
133 clear  
134 pwd  
135 cd Downloads/  
136 pwd  
137 ls  
138 ls 86  
139 cd /home/scripts  
140 cd /$HOME/scripts  
141 ./pizza.sh  
142 clear  
143 cd  
144 pwd  
145 cd Downloads/  
146 pwd /home/rap/Downloads  
147 ls 86  
148 cd  
149 cd /home/rap/Downloads/schoolwork/  
150 bash --version  
151 clear  
152 date  
153 echo "hello world"  
154 uname -a  
155 history  
maassaf45088@cis106:~$ !59  
date +%d-%m-%Y :A-%Z"  
10-10-2024 :A-EDT  
maassaf45088@cis106:~$ echo "hello"  
hello  
maassaf45088@cis106:~$ !! world  
echo "hello" world  
hello world  
maassaf45088@cis106:~$
```

Practice 4

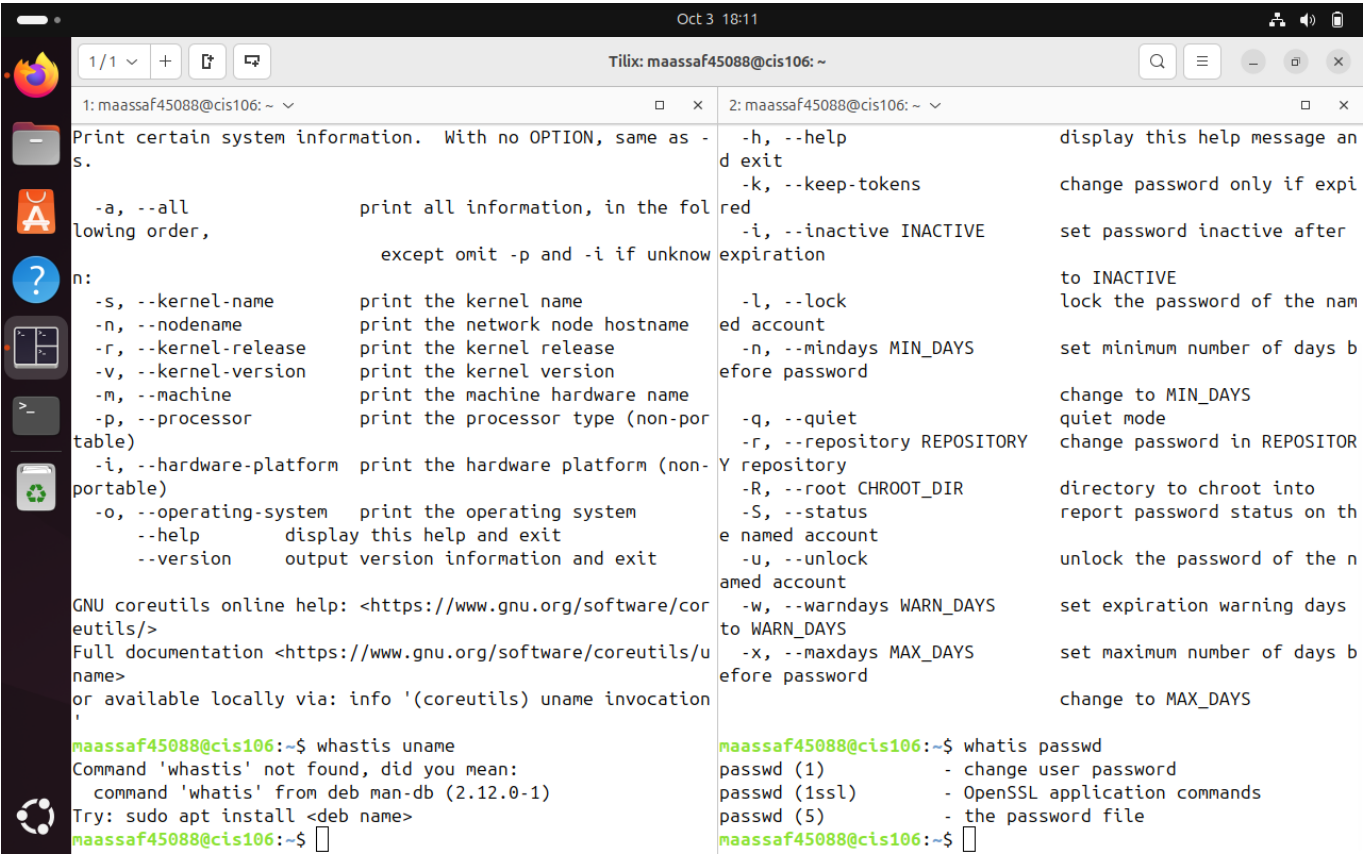
```
1: maassaf45088@cis106: ~  
maassaf45088@cis106:~$ bash ~/scripts/hell.sh  
bash: /home/maassaf45088/scripts/hell.sh: No such file or directory  
maassaf45088@cis106:~$ bash ~/Scripts/hell.sh  
bash: /home/maassaf45088/Scripts/hell.sh: No such file or directory  
maassaf45088@cis106:~$ bash ~/Scripts/hello.sh  
bash: /home/maassaf45088/Scripts/hello.sh: No such file or directory  
maassaf45088@cis106:~$ bash ~/Scripts/hello.sh  
hello world  
I am learning linux  
this is my first script  
maassaf45088@cis106:~$
```

Practice 5

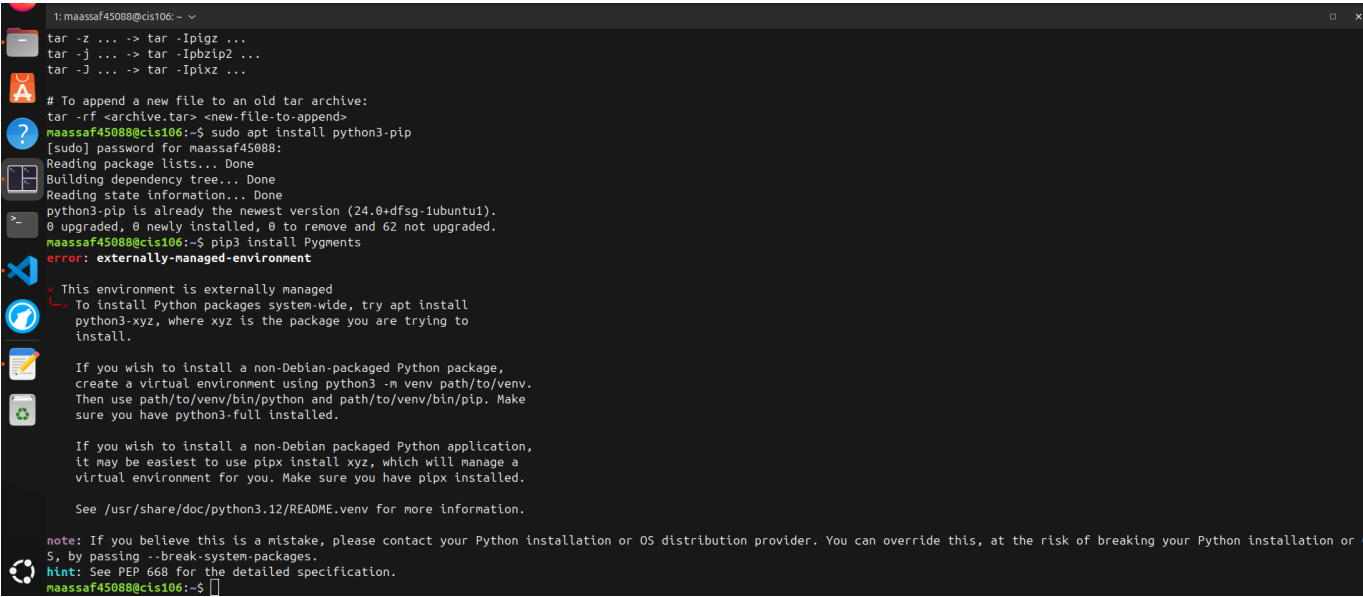
```
1: maassaf45088@cis106: ~  
SYNOPSIS  
uname [OPTION]...  
DESCRIPTION  
Print certain system information. With no OPTION, same as -s.  
-a, --all  
    print all information, in the following order, except omit -p and -i if unknown:  
-s, --kernel-name  
    print the kernel name  
-n, --nodename  
    print the network node hostname  
-r, --kernel-release  
    print the kernel release  
-v, --kernel-version  
    print the kernel version  
-m, --machine  
    print the machine hardware name  
-p, --processor  
    print the processor type (non-portable)  
-i, --hardware-platform  
    print the hardware platform (non-portable)  
-o, --operating-system  
    print the operating system  
Manual page uname(1) line 5 (press h for help or q to quit)
```

```
2: maassaf45088@cis106: ~  
maassaf45088@cis106:~$ uname -s  
Linux  
maassaf45088@cis106:~$ uname -n  
cis106  
maassaf45088@cis106:~$ uname -io  
x86_64 GNU/Linux  
maassaf45088@cis106:~$ uname i0  
uname: extra operand 'i0'  
Try 'uname --help' for more information.  
maassaf45088@cis106:~$ uname -io  
x86_64 GNU/Linux  
maassaf45088@cis106:~$ man date  
maassaf45088@cis106:~$ man df  
maassaf45088@cis106:~$ man free  
maassaf45088@cis106:~$ man clear  
maassaf45088@cis106:~$ man history  
maassaf45088@cis106:~$ free --giga  
              total    used        free      shared  buff/cache   available  
Mem:           4         3           0          0           1           0  
Swap:          4         0           3  
maassaf45088@cis106:~$
```

Practice 6



Practice 7



Practice 1 Managing Software

```

1: maassaf45088@cis106: ~
maassaf45088@cis106:~$ sudo snap install tetris-in-racket
[sudo] password for maassaf45088:
tetris-in-racket 1.2-2 from Bruno Nova (brunonova) installed
maassaf45088@cis106:~$ man tetris-in-racket
No manual entry for tetris-in-racket
maassaf45088@cis106:~$ tetris-in-racket --help
shm_open() failed: Permission denied
Connection failure: Connection refused
pa_context_connect() failed: Connection refused
shm_open() failed: Permission denied
Connection failure: Connection refused
pa_context_connect() failed: Connection refused
shm_open() failed: Permission denied
Connection failure: Connection refused
pa_context_connect() failed: Connection refused
shm_open() failed: Permission denied
Connection failure: Connection refused
pa_context_connect() failed: Connection refused
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shm_open() failed: Permission denied
Connection failure: Connection refused
pa_context_connect() failed: Connection refused
shm_open() failed: Permission denied
Connection failure: Connection refused
pa_context_connect() failed: Connection refused
shm_open() failed: Permission denied
Connection failure: Connection refused
pa_context_connect() failed: Connection refused
shm_open() failed: Permission denied
Connection failure: Connection refused
pa_context_connect() failed: Connection refused
maassaf45088@cis106:~$ sudo snap remove tetris-in-racket
[sudo] password for maassaf45088:
tetris-in-racket removed
maassaf45088@cis106:~$

```

Practice 3 Manging Sodtware

```

1: maassaf45088@cis106: ~
maassaf45088@cis106:~$ man bastet
maassaf45088@cis106:~$ sudo apt remove bastet
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
  libboost-program-options1.83.0
Use 'sudo apt autoremove' to remove it.
The following packages will be REMOVED:
  bastet
0 upgraded, 0 newly installed, 1 to remove and 32 not upgraded.
After this operation, 214 kB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 171457 files and directories currently installed.)
Removing bastet (0.43-7build1) ...
Processing triggers for hicolor-icon-theme (0.17-2) ...
Processing triggers for gnome-menus (3.
36.0-1.1ubuntu3) ...
Processing triggers for man-db (2.12.0-
4build2) ...
Processing triggers for desktop-file-ut
ils (0.27-2build1) ...
maassaf45088@cis106:~$ sudo apt purge bastet
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
  libboost-program-options1.83.0
Use 'sudo apt autoremove' to remove it.
The following packages will be REMOVED:
  bastet*
0 upgraded, 0 newly installed, 1 to remove and 32 not upgraded.
After this operation, 0 B of additional disk space will be used.
Do you want to continue? [Y/n] y
(Reading database ... 171447 files and
directories currently installed.)
Purging configuration files for bastet
(0.43-7build1) ...
maassaf45088@cis106:~$ ^C
maassaf45088@cis106:~$

```

```

2: maassaf45088@cis106: ~
maassaf45088@cis106:~$ apt search "tetris clone"
Sorting... Done
Full Text Search... Done
bastet/noble 0.43-7build1 amd64
  nurses Tetris clone with a bastard algorithm

ltris/noble 1.2.8-1 amd64
  very polished Tetris clone with CPU opponents

tint/noble 0.07 amd64
  Tetris clone for text based terminal
maassaf45088@cis106:~$

```