

Week Report 3

Completed Work for Week 3

[Lab3 Notes3](#)

Practice Screenshot

Practice 3

```

lenjrg@cisl06: ~
56 inxi
57 cowsay "pizza"
58 fortune
59 figlet"jorge"
60 figlet
61 fortune
62 clear
63 fortune
64 clear
65 fortune
66 clear
67 fortune
68 clear
69 date -d "3 years ago"
70 clear
71 man echo
72 sudo apt install tealdeer -y
73 clear
74 sudo apt install tealdeer -y
75 echo "Hello Class!"
76 sleep 3
77 watch date
78 history
lenjrg@cisl06:~$

```

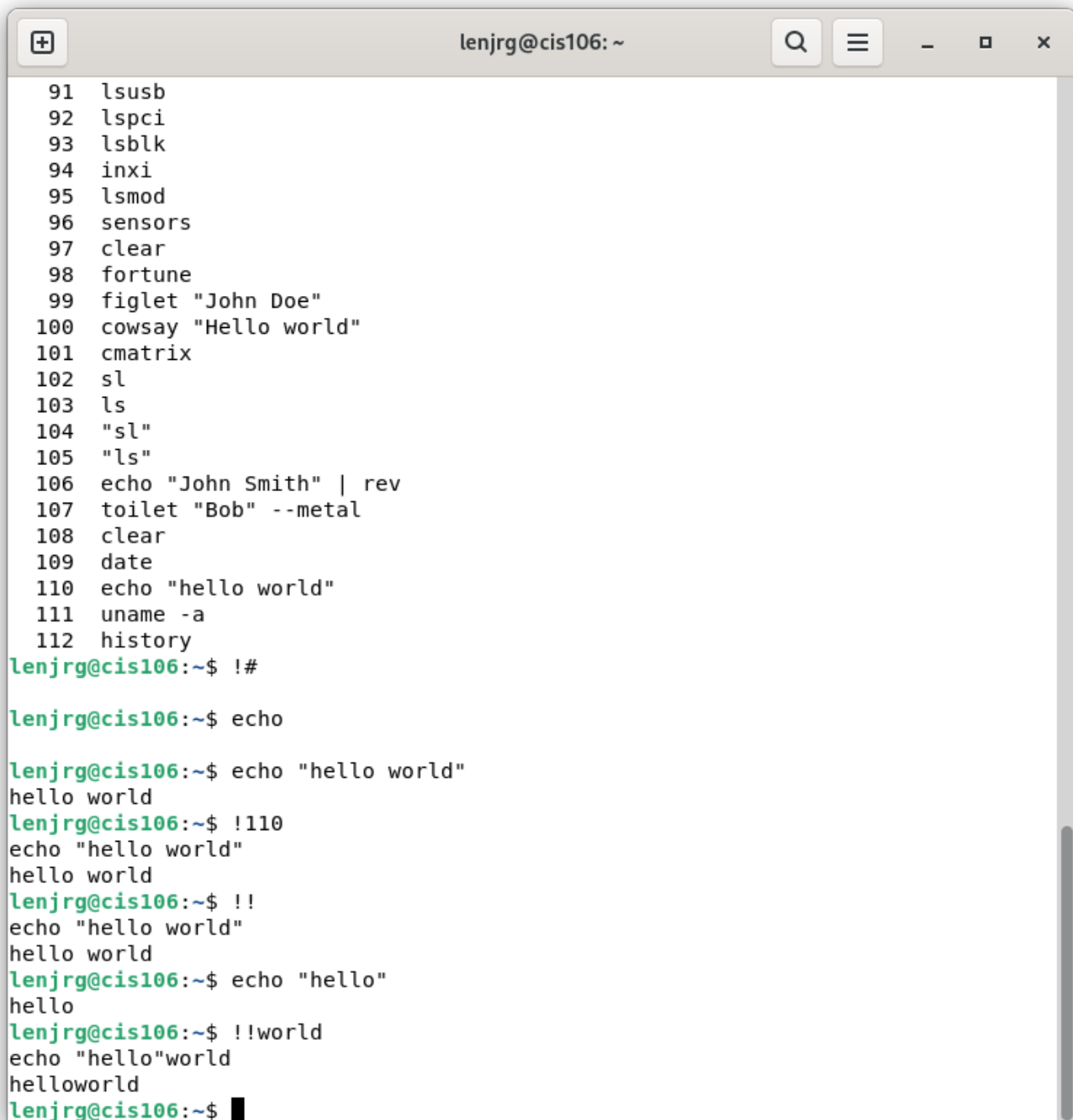
```

lenjrg@cisl06: ~
110 root      20    0      0      0      0 I    0.3  0.0  0:01.68 kworker+
962 root      20    0  350300  2416   2136 S    0.3  0.1  0:03.72 VBoxDRM+
1810 lenjrg    20    0 3864436 286316 150044 S    0.3  7.1  1:06.46 gnome-s+
3083 lenjrg    20    0 2646388 251720 102956 S    0.3  6.3  0:21.85 Isolate+
4311 root      20    0      0      0      0 I    0.3  0.0  0:00.01 kworker+
4314 root      20    0      0      0      0 I    0.3  0.0  0:00.05 kworker+
  1 root      20    0   24172  15128  10800 S    0.0  0.4  0:03.13 systemd
  2 root      20    0      0      0      0 S    0.0  0.0  0:00.04 kthreadd
  3 root      20    0      0      0      0 S    0.0  0.0  0:00.00 pool_wo+
  4 root       0 -20     0      0      0 I    0.0  0.0  0:00.00 kworker+
  5 root       0 -20     0      0      0 I    0.0  0.0  0:00.00 kworker+
  6 root       0 -20     0      0      0 I    0.0  0.0  0:00.00 kworker+
  7 root       0 -20     0      0      0 I    0.0  0.0  0:00.00 kworker+
  8 root       0 -20     0      0      0 I    0.0  0.0  0:00.00 kworker+
 11 root       0 -20     0      0      0 I    0.0  0.0  0:00.00 kworker+
 13 root       0 -20     0      0      0 I    0.0  0.0  0:00.00 kworker+
 14 root      20    0      0      0      0 I    0.0  0.0  0:00.00 rcu_tas+
lenjrg@cisl06:~$ uname -a
Linux cisl06 6.12.43+deb13-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.12.43-1 (2025-0
8-27) x86_64 GNU/Linux
lenjrg@cisl06:~$ du -hd1 /home
1.1G    /home/lenjrg
1.1G    /home
lenjrg@cisl06:~$

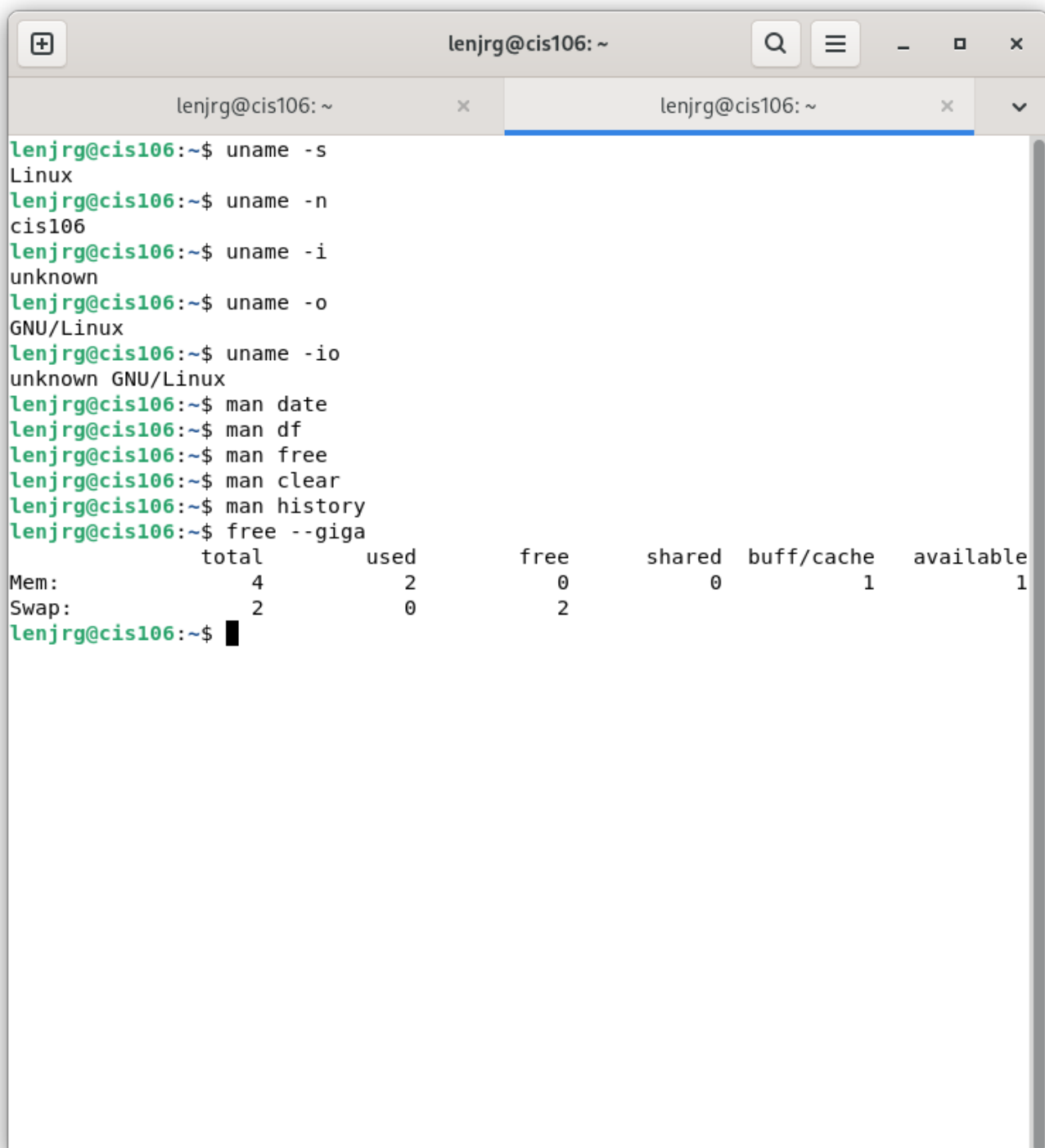
```

```
lenjrg@cis106: ~  
psmouse                217088  0  
crc32_pclmul            12288  0  
drm_kms_helper          253952  2 vmwgfx,drm_ttm_helper  
serio_raw               16384  0  
usbcore                 409600  5 ohci_hcd,ehci_pci,usbhid,ehci_hcd,ohci_pci  
drm                     774144  13 vmwgfx,drm_kms_helper,drm_ttm_helper,ttm  
e1000                   180224  0  
video                   81920  0  
crc32c_intel            16384  2  
usb_common              16384  3 ohci_hcd,usbcore,ehci_hcd  
battery                 28672  0  
wmi                     28672  1 video  
scsi_mod                327680  4 sd_mod,libata,sg,sr_mod  
i2c_piix4               28672  0  
i2c_smbus               16384  1 i2c_piix4  
button                  24576  0  
scsi_common             16384  5 scsi_mod,sd_mod,libata,sg,sr_mod  
lenjrg@cis106:~$ sensors  
BAT0-acpi-0  
Adapter: ACPI interface  
in0:          10.00 V  
power1:       N/A  
lenjrg@cis106:~$
```

```
lenjrg@cisl06: ~  
  
lenjrg@cisl06:~$ cowsay "Hello world"  
< Hello world >  
-----  
      \   ^__^  
      (oo)\_____  
          (__)\\       )\/\  
              ||----w |  
              ||     ||  
lenjrg@cisl06:~$ cmatrix  
lenjrg@cisl06:~$ sl  
bash: sl: command not found  
lenjrg@cisl06:~$ sl  
bash: sl: command not found  
lenjrg@cisl06:~$ ls  
cisl26  Documents  essentials.sh  Pictures  Templates  vscode.sh  
Desktop Downloads  Music          Public    Videos  
lenjrg@cisl06:~$ "sl"  
bash: sl: command not found  
lenjrg@cisl06:~$ "ls"  
cisl26  Documents  essentials.sh  Pictures  Templates  vscode.sh  
Desktop Downloads  Music          Public    Videos  
lenjrg@cisl06:~$ echo "John Smith" | rev  
htimS nhoJ  
lenjrg@cisl06:~$ toilet "Bob" --metal  
  
mmmmm      #  
#   #  mmm  #mmm  
#mmm" #" "# #" "#  
#   #  #   #   #  
#mmm" "#m#" ##m#"
```



```
lenjrg@cis106: ~  
91 lsusb  
92 lspci  
93 lsblk  
94 inxi  
95 lsmod  
96 sensors  
97 clear  
98 fortune  
99 figlet "John Doe"  
100 cowsay "Hello world"  
101 cmatrix  
102 sl  
103 ls  
104 "sl"  
105 "ls"  
106 echo "John Smith" | rev  
107 toilet "Bob" --metal  
108 clear  
109 date  
110 echo "hello world"  
111 uname -a  
112 history  
lenjrg@cis106:~$ !#  
  
lenjrg@cis106:~$ echo  
  
lenjrg@cis106:~$ echo "hello world"  
hello world  
lenjrg@cis106:~$ !110  
echo "hello world"  
hello world  
lenjrg@cis106:~$ !!  
echo "hello world"  
hello world  
lenjrg@cis106:~$ echo "hello"  
hello  
lenjrg@cis106:~$ !!world  
echo "hello"world  
helloworld  
lenjrg@cis106:~$
```



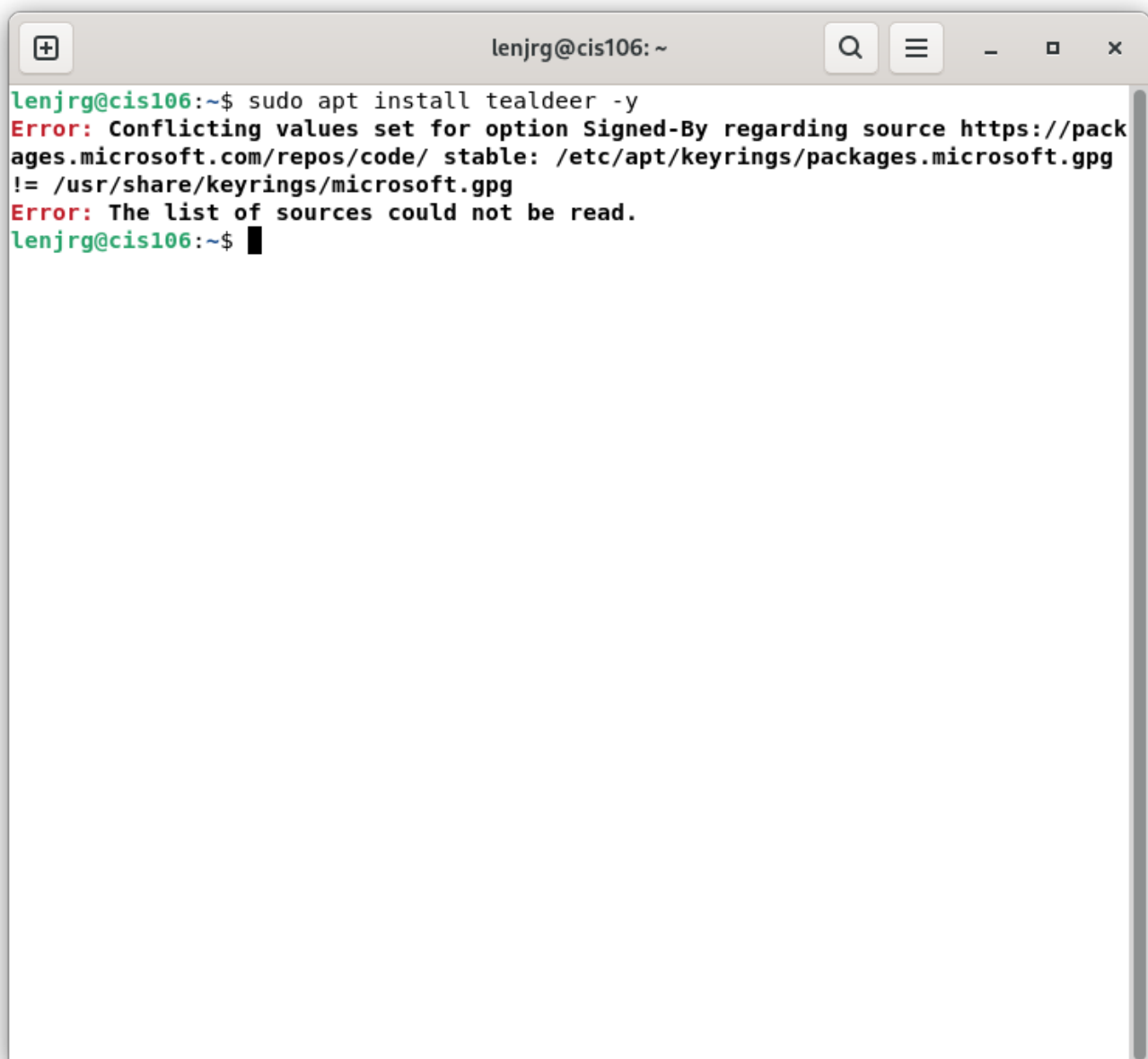
A terminal window titled 'lenjrg@cis106: ~' with search, menu, and window control icons. It shows a series of commands and their outputs. The 'free --giga' command output is formatted as a table.

```
lenjrg@cis106:~$ uname -s
Linux
lenjrg@cis106:~$ uname -n
cis106
lenjrg@cis106:~$ uname -i
unknown
lenjrg@cis106:~$ uname -o
GNU/Linux
lenjrg@cis106:~$ uname -io
unknown GNU/Linux
lenjrg@cis106:~$ man date
lenjrg@cis106:~$ man df
lenjrg@cis106:~$ man free
lenjrg@cis106:~$ man clear
lenjrg@cis106:~$ man history
lenjrg@cis106:~$ free --giga
```

	total	used	free	shared	buff/cache	available
Mem:	4	2	0	0	1	1
Swap:	2	0	2			

```
lenjrg@cis106:~$
```

```
lenjrg@cis106: ~  
By default, date pads numeric fields with zeroes.  
The following optional flags may follow '%':  
  
- (hyphen) do not pad the field  
_ (underscore) pad with spaces  
0 (zero) pad with zeros  
+ pad with zeros, and put '+' before future years with >4 digits  
^ use upper case if possible  
# use opposite case if possible  
  
After any flags comes an optional field width, as a decimal number;  
then an optional modifier, which is either  
E to use the locale's alternate representations if available, or  
O to use the locale's alternate numeric symbols if available.  
  
Examples:  
Convert seconds since the Epoch (1970-01-01 UTC) to a date  
$ date --date='@2147483647'  
  
Show the time on the west coast of the US (use tzselect(1) to find TZ)  
$ TZ='America/Los_Angeles' date  
  
Show the local time for 9AM next Friday on the west coast of the US  
$ date --date='TZ="America/Los_Angeles" 09:00 next Fri'  
  
GNU coreutils online help: <https://www.gnu.org/software/coreutils/>  
Full documentation <https://www.gnu.org/software/coreutils/date>  
or available locally via: info '(coreutils) date invocation'  
lenjrg@cis106:~$ what is ls  
bash: what: command not found  
lenjrg@cis106:~$ whatis ls  
ls (1) - list directory contents  
lenjrg@cis106:~$ whatis pwd  
pwd (1) - print name of current/working directory  
lenjrg@cis106:~$ whatis apt  
apt (8) - command-line interface  
lenjrg@cis106:~$ whatis sudo  
sudo (8) - execute a command as another user  
lenjrg@cis106:~$
```



A terminal window titled "lenjrg@cis106: ~" with standard window controls (search, menu, zoom, close). The terminal shows the command "sudo apt install tealdeer -y" being executed. It returns an error message about conflicting values for the "Signed-By" option regarding a source from Microsoft. The error message is as follows:

```
lenjrg@cis106:~$ sudo apt install tealdeer -y
Error: Conflicting values set for option Signed-By regarding source https://pack
ages.microsoft.com/repos/code/ stable: /etc/apt/keyrings/packages.microsoft.gpg
!= /usr/share/keyrings/microsoft.gpg
Error: The list of sources could not be read.
lenjrg@cis106:~$
```