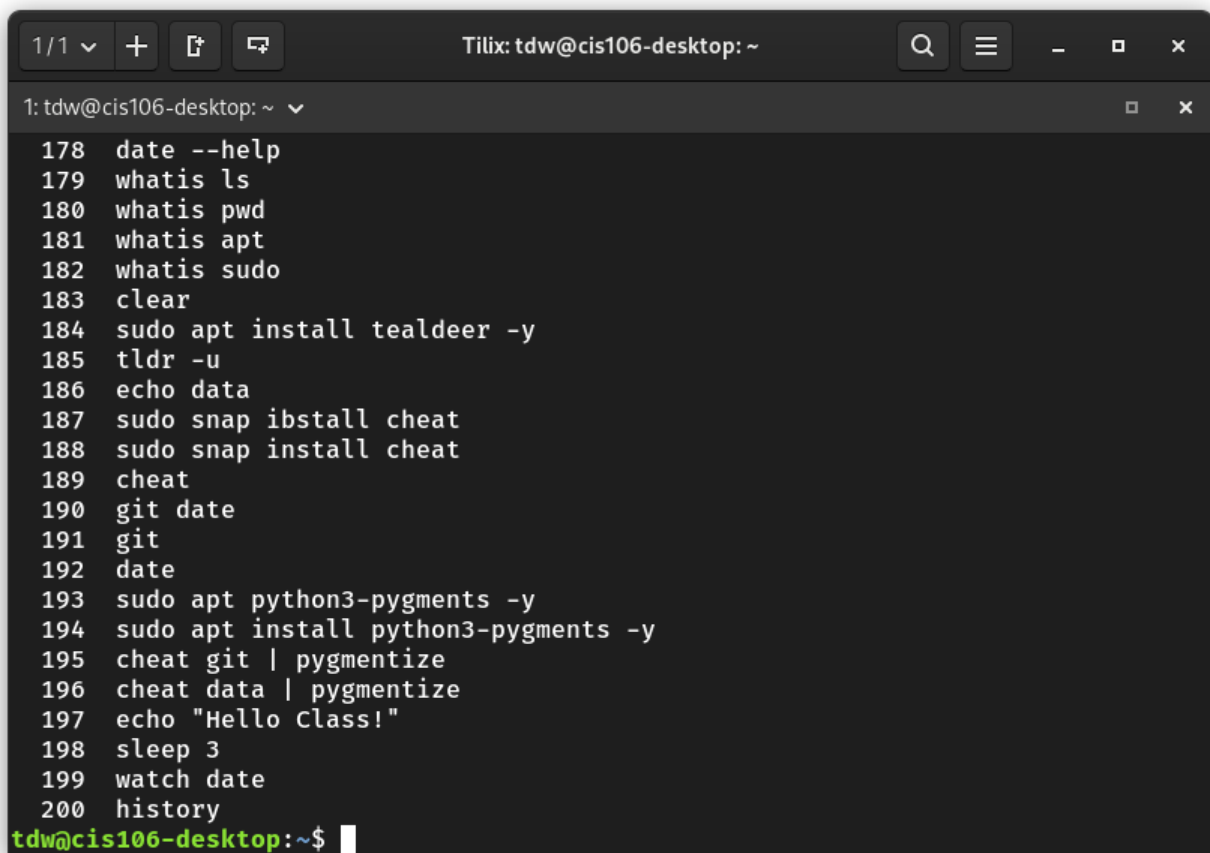


# Week Report3

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## Completed work for week 3

- [lab3.md](#)
- [notes3.md](#)
- Practice screenshots
- Practice 3



A screenshot of a terminal window titled "Tilix: tdw@cis106-desktop: ~". The terminal shows a list of commands and their outputs, numbered 178 to 200. The commands include: `date --help`, `whatis ls`, `whatis pwd`, `whatis apt`, `whatis sudo`, `clear`, `sudo apt install tealdeer -y`, `tldr -u`, `echo data`, `sudo snap install cheat`, `sudo snap install cheat`, `cheat`, `git date`, `git`, `date`, `sudo apt python3-pygments -y`, `sudo apt install python3-pygments -y`, `cheat git | pygmentize`, `cheat data | pygmentize`, `echo "Hello Class!"`, `sleep 3`, `watch date`, and `history`. The prompt at the bottom is `tdw@cis106-desktop:~$`.

```
178 date --help
179 whatis ls
180 whatis pwd
181 whatis apt
182 whatis sudo
183 clear
184 sudo apt install tealdeer -y
185 tldr -u
186 echo data
187 sudo snap install cheat
188 sudo snap install cheat
189 cheat
190 git date
191 git
192 date
193 sudo apt python3-pygments -y
194 sudo apt install python3-pygments -y
195 cheat git | pygmentize
196 cheat data | pygmentize
197 echo "Hello Class!"
198 sleep 3
199 watch date
200 history
tdw@cis106-desktop:~$
```

```

1/1 v + f q Tilix: tdw@cis106-desktop: ~
1: tdw@cis106-desktop: ~ v
tdw@cis106-desktop:~$ 

```

- 
- Practice 4

```

1/1 v + f q Tilix: tdw@cis106-desktop: ~
1: tdw@cis106-desktop: ~ v
2067 tdw      20    0 3845904 230808 103728 S   1.0   5.7   1:24.87 gnome-s+
3713 tdw      20    0 2737512 261400 107620 S   0.7   6.5   0:11.30 Isolate+
3970 tdw      20    0 2934740 427628 112560 S   0.7  10.6   0:41.32 Isolate+
 987 root      20    0 350300   2492   2208 S   0.3   0.1   0:01.72 VBoxDRM+
3257 tdw      20    0 1393.6g 115176  76504 S   0.3   2.9   0:05.78 code
3411 tdw      20    0  11.2g 480612 177360 S   0.3  12.0   1:25.25 firefox+
4185 root      20    0      0      0      0 I   0.3   0.0   0:00.45 kworker+
5292 tdw      20    0  10400  5832   3652 R   0.3   0.1   0:00.22 top
   1 root      20    0  24212 15252  10736 S   0.0   0.4   0:01.19 systemd
   2 root      20    0      0      0      0 S   0.0   0.0   0:00.02 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+
tdw@cis106-desktop:~$ uname -a
Linux cis106-desktop 6.12.48+deb13-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.12.48-1
(2025-09-20) x86_64 GNU/Linux
tdw@cis106-desktop:~$ du -hd1 /home
1.6G    /home/tdw
1.6G    /home
tdw@cis106-desktop:~$ 

```

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- Practice 5

```
1/1 v + [ ] [ ] Tilix: tdw@cis106-desktop: ~
1: tdw@cis106-desktop: ~ v
drm_kms_helper      253952  2  vmwgfx,drm_ttm_helper
scsi_mod            327680  4  sd_mod,libata,sg,sr_mod
psmouse            217088  0
usbcore            409600  5  ohci_hcd,ehci_pci,usbhid,ehci_hcd,ohci_pci
video               81920  0
i2c_piix4           28672  0
e1000              180224  0
i2c_smbus           16384  1  i2c_piix4
battery             28672  0
crc32_pclmul        12288  0
serio_raw           16384  0
scsi_common          16384  5  scsi_mod,sd_mod,libata,sg,sr_mod
drm                 774144  14  vmwgfx,drm_kms_helper,drm_ttm_helper,ttm
crc32c_intel        16384  2
usb_common          16384  3  ohci_hcd,usbcore,ehci_hcd
wmi                 28672  1  video
button              24576  0
tdw@cis106-desktop:~$ sensors
BAT0-acpi-0
Adapter: ACPI interface
in0:          10.00 V
power1:       N/A
tdw@cis106-desktop:~$
```

- 

## Practice 6

```

1/1  +  [ ]  [ ]  Tilix: tdw@cis106-desktop: ~
1: tdw@cis106-desktop: ~
tdw@cis106-desktop:~$ cowsay "hello world"
<-----
< hello world >
-----
      ^__^
      (oo)\_______
      (_____)  )\/\
              ||----w |
              ||     ||
tdw@cis106-desktop:~$ cmatrix
tdw@cis106-desktop:~$ sl
bash: sl: command not found
tdw@cis106-desktop:~$ echo "John Smith" | rev
htimS nhoJ
tdw@cis106-desktop:~$ toilet "Bob" --metal

mmmmmm      #
#      #  mmm  #mmm
#mmm"  #"  "#  #"  "#
#      #  #  #  #  #
#mmm"  "#m#"  ##m#"

tdw@cis106-desktop:~$

```

- 
- Practice 7

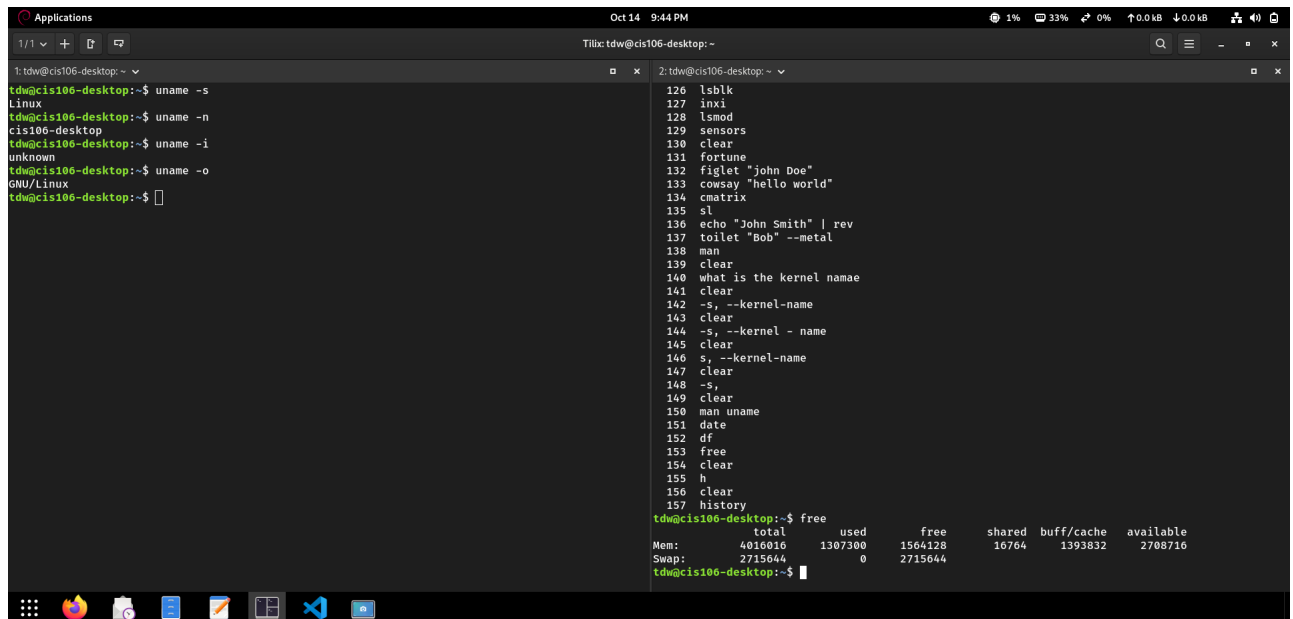
```

1/1  +  [ ]  [ ]  Tilix: tdw@cis106-desktop: ~
1: tdw@cis106-desktop: ~
124  lsusb
125  lspci
126  lsblk
127  inxi
128  lsmod
129  sensors
130  clear
131  fortune
132  figlet "john Doe"
133  cowsay "hello world"
134  cmatrix
135  sl
136  echo "John Smith" | rev
137  toilet "Bob" --metal
138  date
139  echo "hello world"
140  uname -a
141  history
tdw@cis106-desktop:~$ echo "hello"
hello
tdw@cis106-desktop:~$ !! world
echo "hello" world
hello world
tdw@cis106-desktop:~$

```

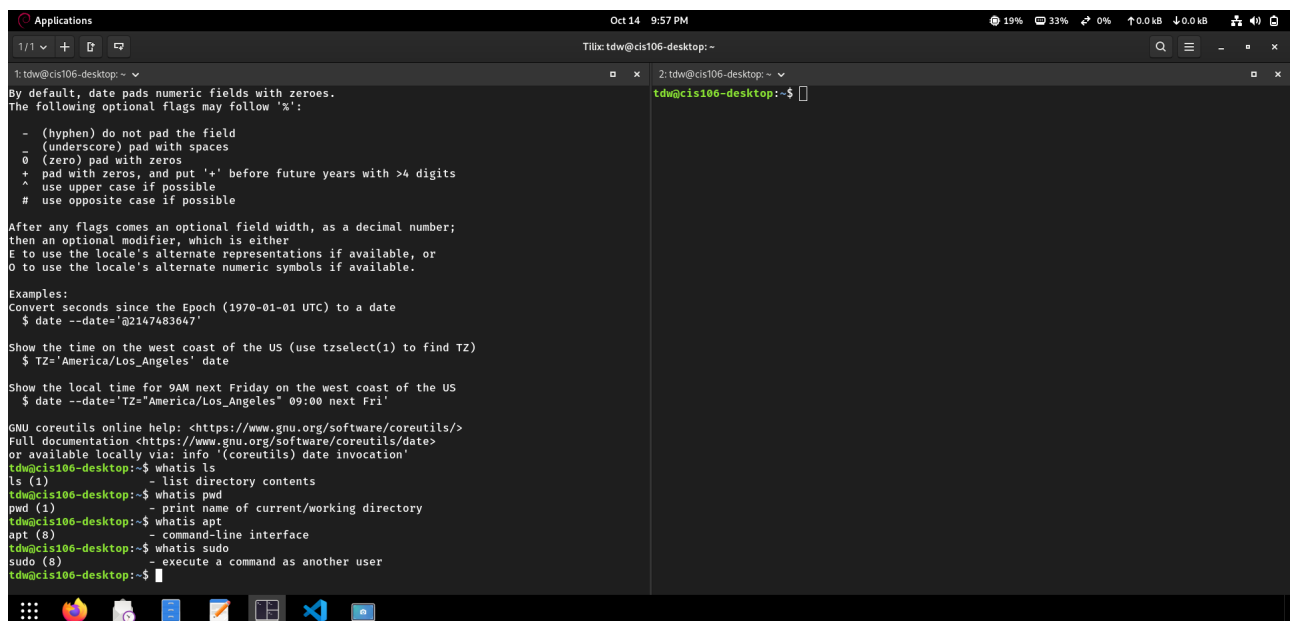
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- Practice 8



```
1:tdw@cis106-desktop: ~  
tdw@cis106-desktop:~$ uname -s  
linux  
tdw@cis106-desktop:~$ uname -n  
cis106-desktop  
tdw@cis106-desktop:~$ uname -i  
unknown  
tdw@cis106-desktop:~$ uname -o  
GNU/Linux  
tdw@cis106-desktop:~$  
  
2:tdw@cis106-desktop: ~  
126 lsblk  
127 inxi  
128 lsmod  
129 sensors  
130 clear  
131 fortune  
132 figlet "John Doe"  
133 cowsay "hello world"  
134 cmatrix  
135 sl  
136 echo "John Smith" | rev  
137 toilet "Bob" --metal  
138 man  
139 clear  
140 what is the kernel name  
141 clear  
142 -s, --kernel-name  
143 clear  
144 -s, --kernel - name  
145 clear  
146 s, --kernel-name  
147 clear  
148 -s,  
149 clear  
150 man uname  
151 date  
152 df  
153 free  
154 clear  
155 h  
156 clear  
157 history  
tdw@cis106-desktop:~$ free  
              total        used        free      shared  buff/cache   available  
Mem:           4016016       1307300       1564128        16764       1393832       2708716  
Swap:           2715644           0         2715644  
tdw@cis106-desktop:~$
```

- Practice 9



```
1:tdw@cis106-desktop: ~  
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'  
tdw@cis106-desktop:~$ whatis ls  
ls (1) - list directory contents  
tdw@cis106-desktop:~$ whatis pwd  
pwd (1) - print name of current/working directory  
tdw@cis106-desktop:~$ whatis apt  
apt (8) - command-line interface  
tdw@cis106-desktop:~$ whatis sudo  
sudo (8) - execute a command as another user  
tdw@cis106-desktop:~$  
  
2:tdw@cis106-desktop: ~  
tdw@cis106-desktop:~$
```

- Practice 10

