

# Week Report 3

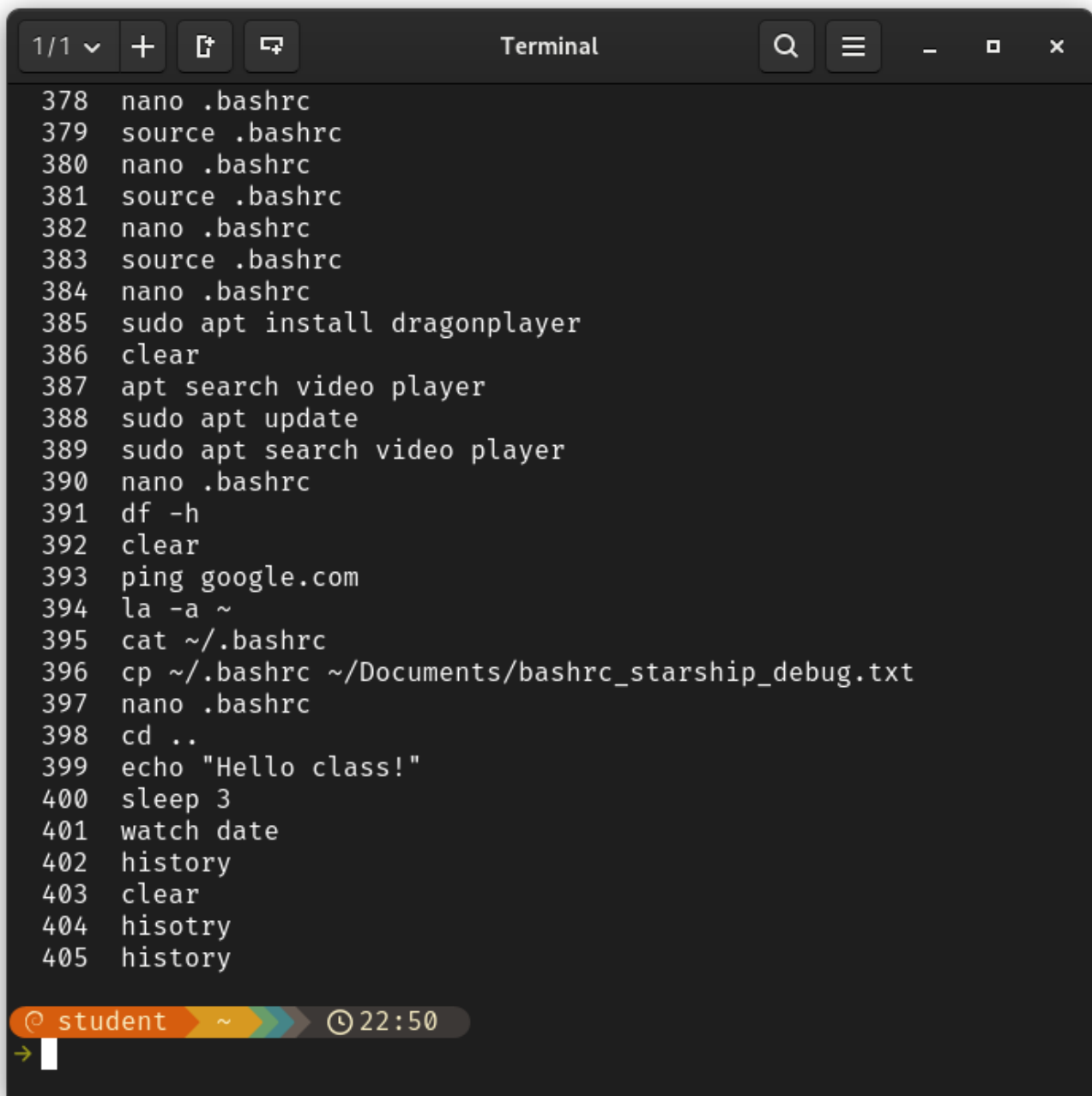
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## Completed work for week 3

- Lab 3 Markdown link: <https://github.com/Typing-Kevin/cis106/blob/main/labs/lab3/lab3.md>
- Notes 3 Markdown link: <https://github.com/Typing-Kevin/cis106/blob/main/notes/notes3/notes3.md>

## Practice screenshots

### Practice 3



```
1/1  +  [ ]  [ ]  Terminal  [Q]  [≡]  -  □  x
378 nano .bashrc
379 source .bashrc
380 nano .bashrc
381 source .bashrc
382 nano .bashrc
383 source .bashrc
384 nano .bashrc
385 sudo apt install dragonplayer
386 clear
387 apt search video player
388 sudo apt update
389 sudo apt search video player
390 nano .bashrc
391 df -h
392 clear
393 ping google.com
394 la -a ~
395 cat ~/.bashrc
396 cp ~/.bashrc ~/Documents/bashrc_starship_debug.txt
397 nano .bashrc
398 cd ..
399 echo "Hello class!"
400 sleep 3
401 watch date
402 history
403 clear
404 hisotry
405 history
@ student ~ 22:50
→
```

### Practice 4

1/1 + [Terminal] [Search] [Menu] [Close]

6268	student	20	0	10408	5424	3248	R	2.9	0.3
1	root	20	0	24352	10948	8124	S	0.0	0.5
2	root	20	0	0	0	0	S	0.0	0.0
3	root	20	0	0	0	0	S	0.0	0.0
4	root	0	-20	0	0	0	I	0.0	0.0
5	root	0	-20	0	0	0	I	0.0	0.0
6	root	0	-20	0	0	0	I	0.0	0.0
7	root	0	-20	0	0	0	I	0.0	0.0
8	root	0	-20	0	0	0	I	0.0	0.0
11	root	0	-20	0	0	0	I	0.0	0.0
13	root	0	-20	0	0	0	I	0.0	0.0
14	root	20	0	0	0	0	I	0.0	0.0
15	root	20	0	0	0	0	I	0.0	0.0
16	root	20	0	0	0	0	I	0.0	0.0
17	root	20	0	0	0	0	S	0.0	0.0
18	root	20	0	0	0	0	I	0.0	0.0
19	root	20	0	0	0	0	S	0.0	0.0
20	root	20	0	0	0	0	S	0.0	0.0
21	root	rt	0	0	0	0	S	0.0	0.0
22	root	-51	0	0	0	0	S	0.0	0.0
23	root	20	0	0	0	0	S	0.0	0.0
24	root	20	0	0	0	0	S	0.0	0.0
25	root	-51	0	0	0	0	S	0.0	0.0

student ~ 23:13

→ du -hd1 /home

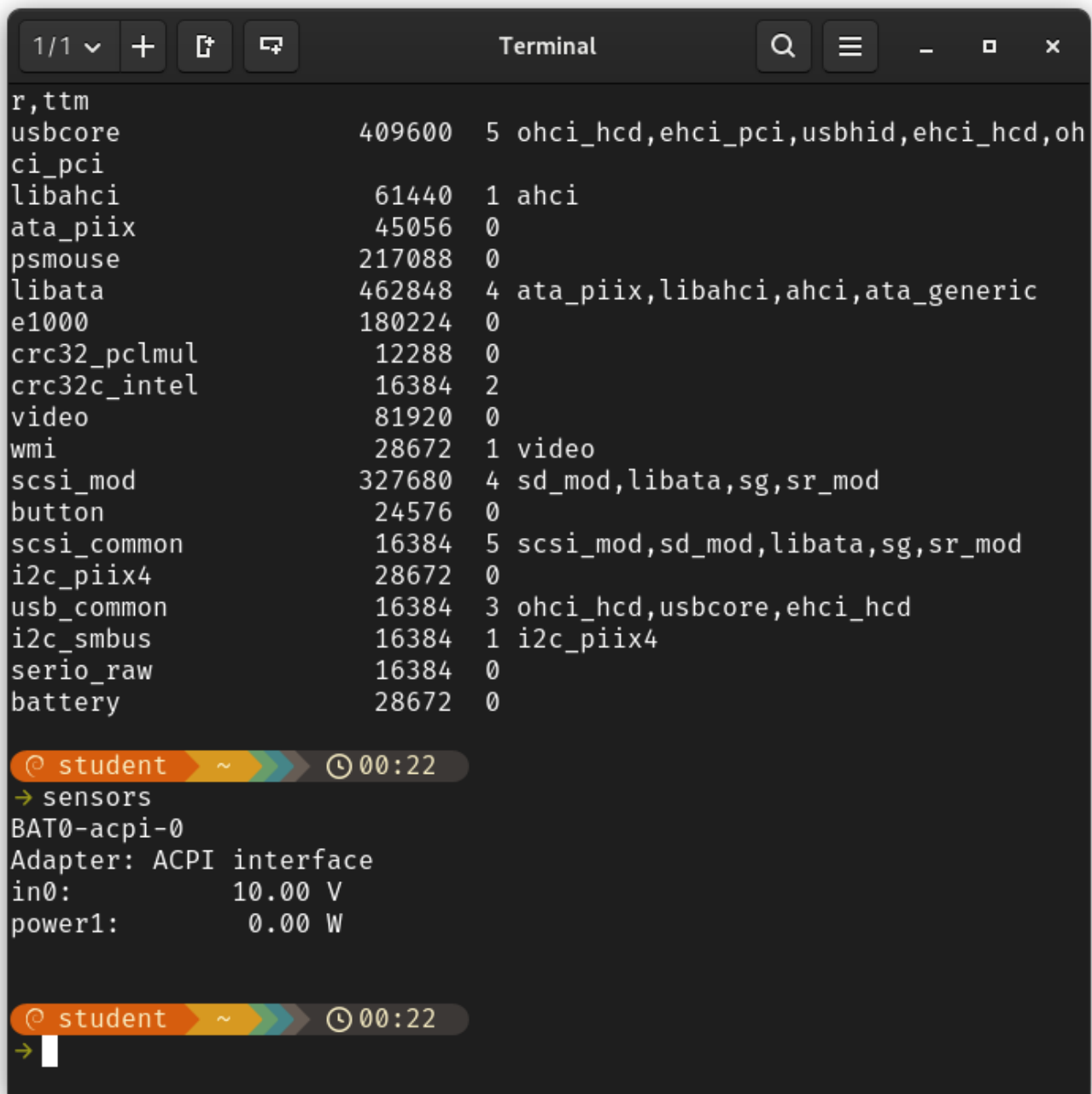
3.4G /home/student

3.4G /home

student ~ 23:13

→

Practice 5



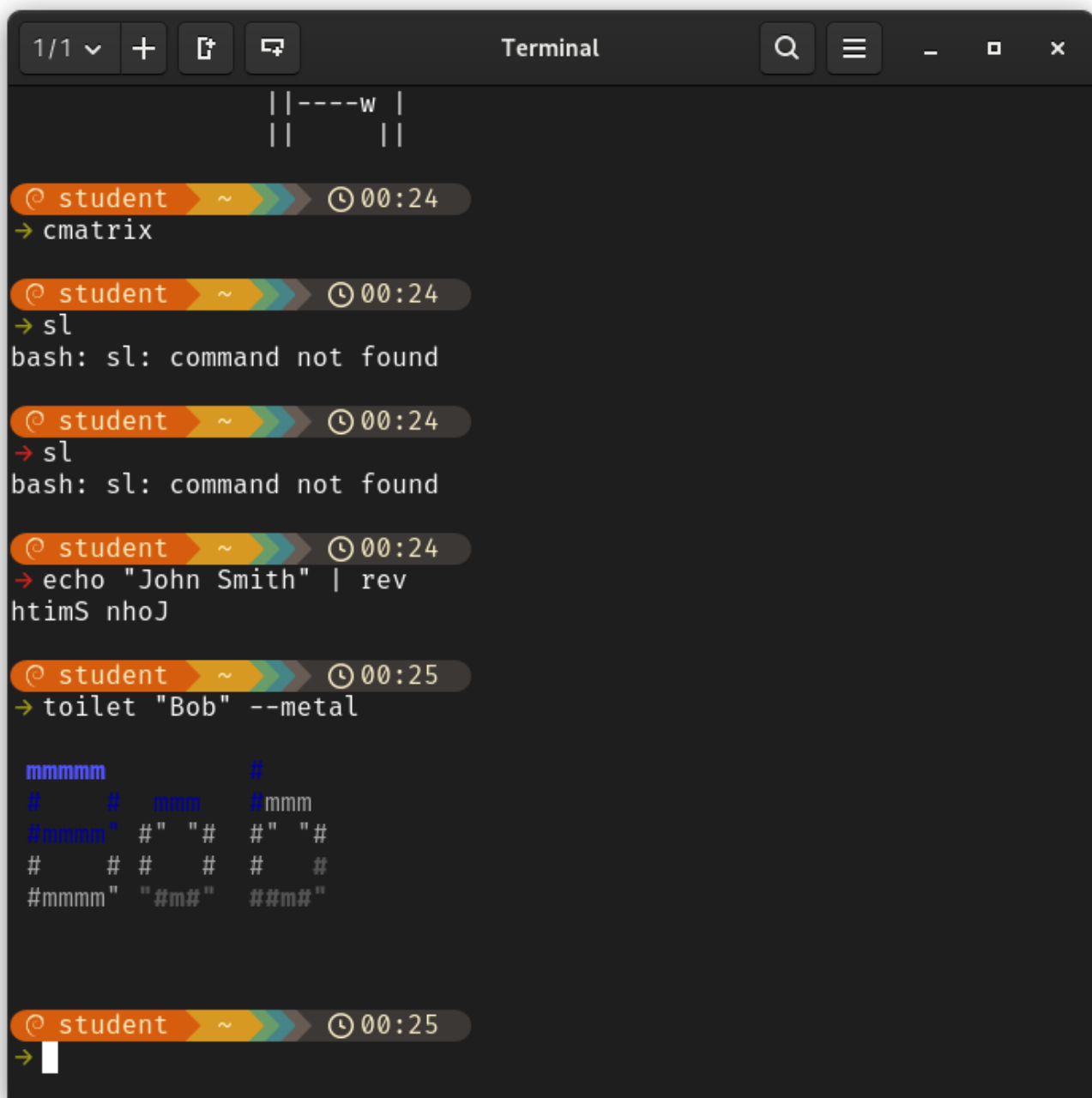
The image shows a terminal window titled "Terminal" with a dark background. The window contains two sections of text. The first section is a list of kernel modules and their dependencies, with columns for module names, sizes, and their dependencies. The second section shows the output of the 'cat /sys/class/power\_supply/BAT0/acpi-0' command, displaying battery status information.

```
1/1 v + [ ] [ ] Terminal [Q] [≡] [-] [□] [x]
r,ttm
usbcore          409600  5  ohci_hcd,ehci_pci,usbhid,ehci_hcd,oh
ci_pci
libahci          61440  1  ahci
ata_piix         45056  0
psmouse         217088  0
libata          462848  4  ata_piix,libahci,ahci,ata_generic
e1000           180224  0
crc32_pclmul     12288  0
crc32c_intel     16384  2
video           81920  0
wmi             28672  1  video
scsi_mod        327680  4  sd_mod,libata,sg,sr_mod
button         24576  0
scsi_common     16384  5  scsi_mod,sd_mod,libata,sg,sr_mod
i2c_piix4       28672  0
usb_common      16384  3  ohci_hcd,usbcore,ehci_hcd
i2c_smbus       16384  1  i2c_piix4
serio_raw       16384  0
battery         28672  0

@ student ~ 00:22
→ sensors
BAT0-acpi-0
Adapter: ACPI interface
in0:          10.00 V
power1:       0.00 W

@ student ~ 00:22
→
```

## Practice 6



```
1/1 ▾ + [🔍] [🔄] Terminal 🔍 ☰ - □ ×

||----w |
||      ||

@ student ~ 00:24
→ cmatrix

@ student ~ 00:24
→ sl
bash: sl: command not found

@ student ~ 00:24
→ sl
bash: sl: command not found

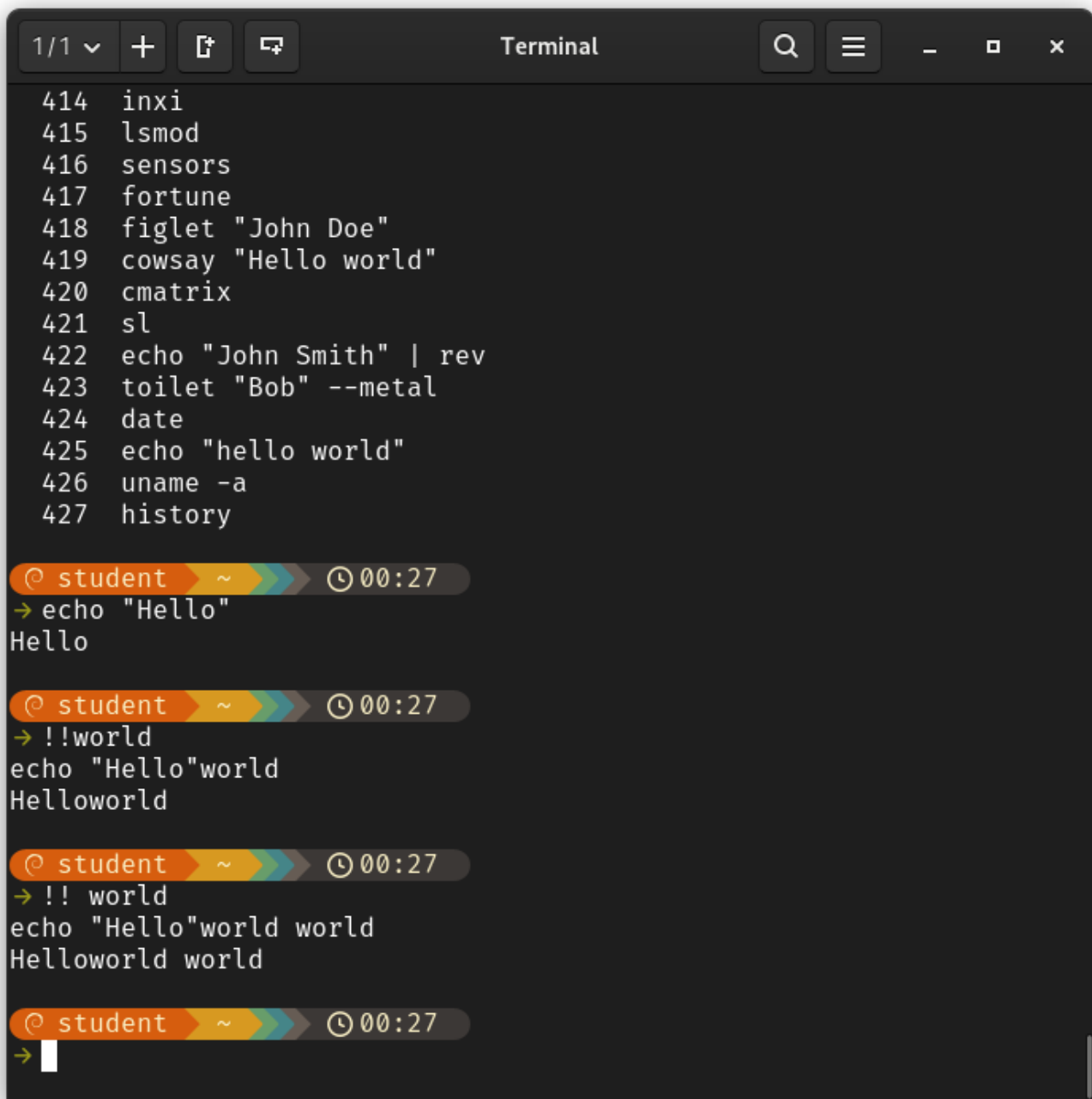
@ student ~ 00:24
→ echo "John Smith" | rev
htimS nhoJ

@ student ~ 00:25
→ toilet "Bob" --metal

mmmm      #
#      #   mmm  #mmm
#mmm" #" "#  #" "#
#      # #   #  #   #
#mmm" "#m#"  ##m#"

@ student ~ 00:25
→
```

## Practice 7



```
1/1  +  [ ]  [ ]  Terminal  [Q]  [≡]  -  □  ×

414 inxi
415 lsmod
416 sensors
417 fortune
418 figlet "John Doe"
419 cowsay "Hello world"
420 cmatrix
421 sl
422 echo "John Smith" | rev
423 toilet "Bob" --metal
424 date
425 echo "hello world"
426 uname -a
427 history

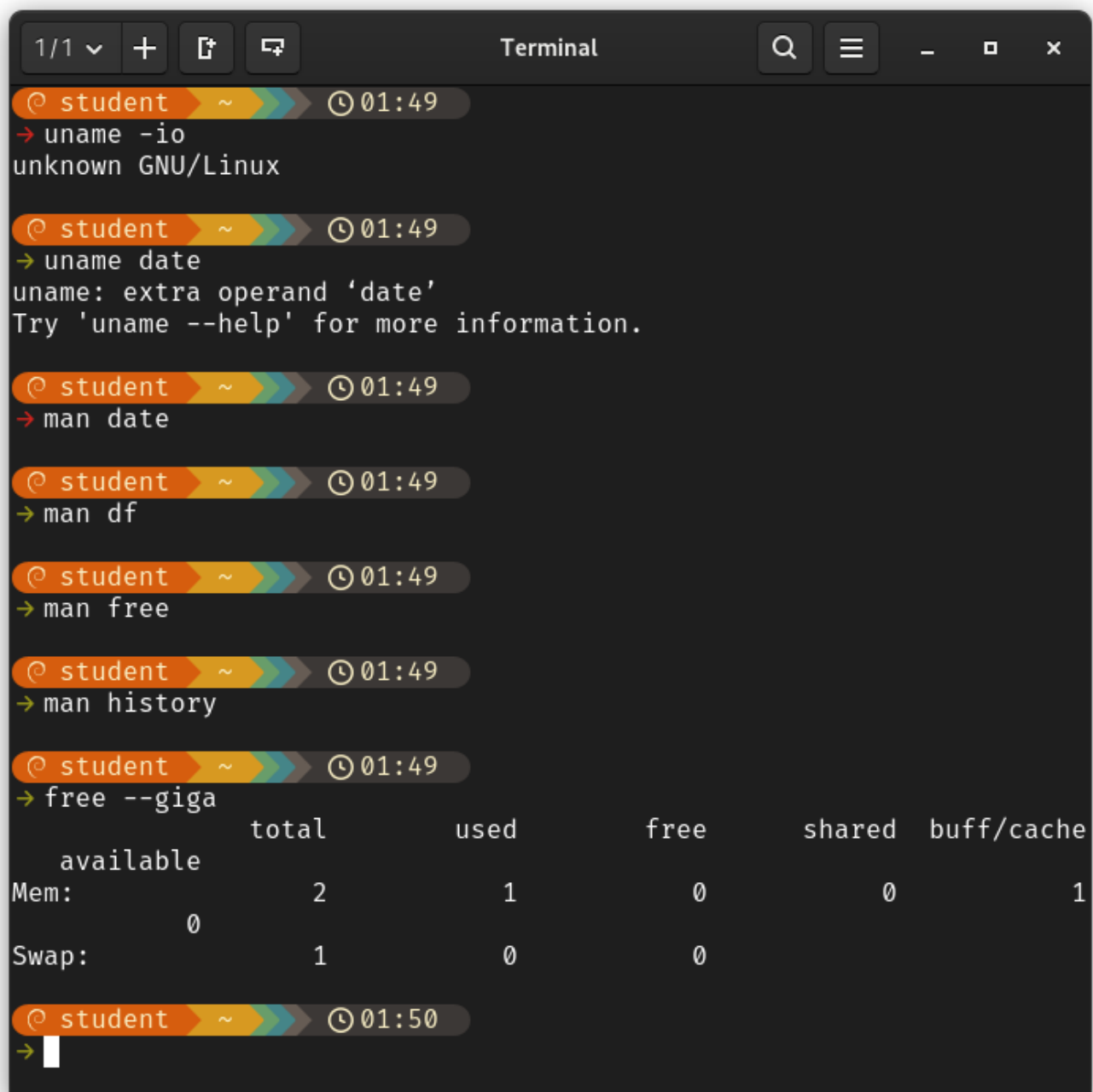
@ student ~ 00:27
→ echo "Hello"
Hello

@ student ~ 00:27
→ !!world
echo "Hello"world
Helloworld

@ student ~ 00:27
→ !! world
echo "Hello"world world
Helloworld world

@ student ~ 00:27
→
```

## Practice 8



```
1/1 v + [ ] [ ] Terminal [ ] [ ] [ ] [ ] [ ]
@ student ~ 01:49
→ uname -io
unknown GNU/Linux

@ student ~ 01:49
→ uname date
uname: extra operand 'date'
Try 'uname --help' for more information.

@ student ~ 01:49
→ man date

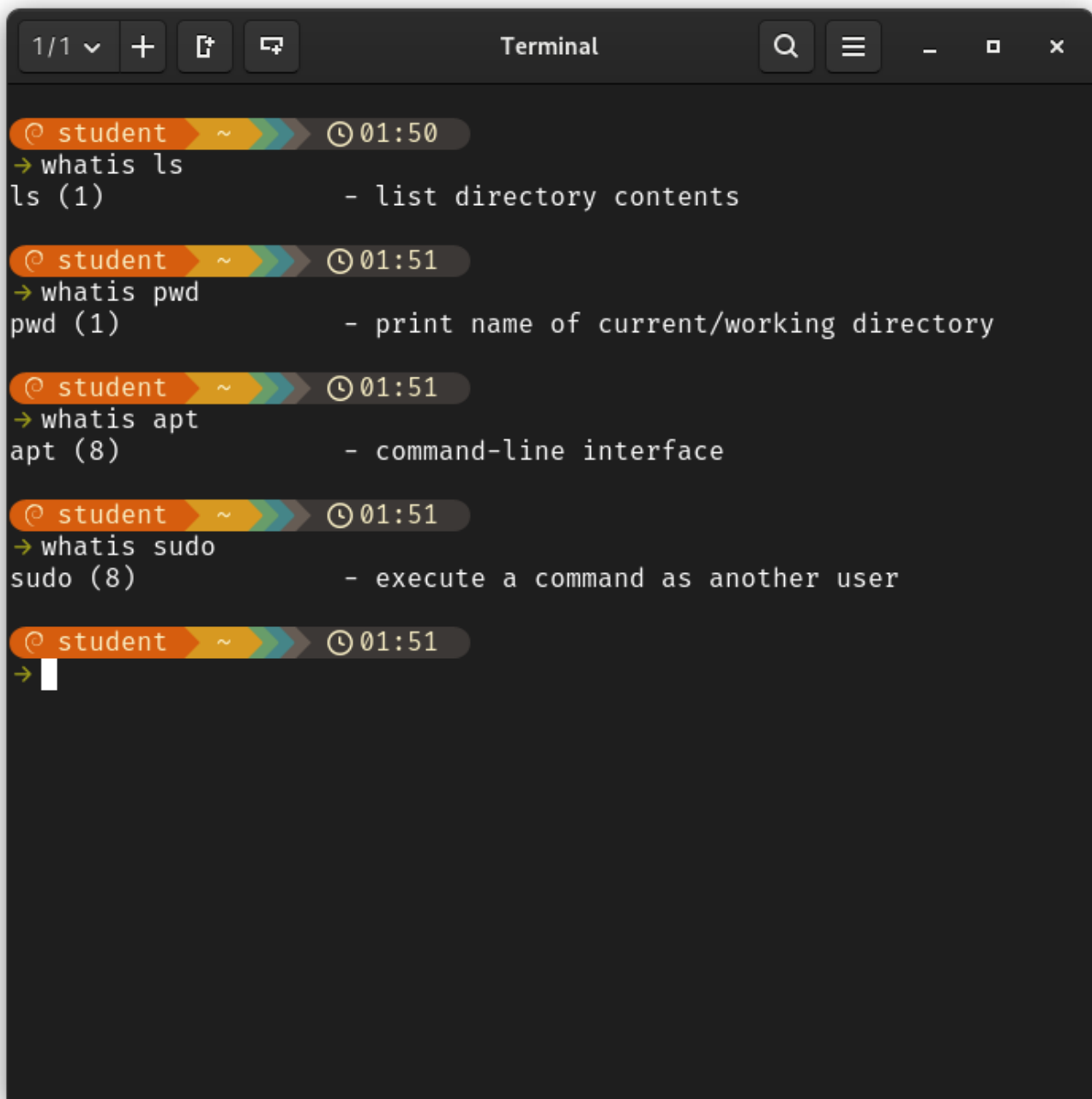
@ student ~ 01:49
→ man df

@ student ~ 01:49
→ man free

@ student ~ 01:49
→ man history

@ student ~ 01:49
→ free --giga
              total        used        free      shared  buff/cache
available
Mem:           2          1          0           0           1
Swap:          1          0          0
@ student ~ 01:50
→
```

## Practice 9



```
1/1  +  [Icons]  Terminal  [Search] [Menu] [Window] [Close]
```

@ student ~ 01:50  
→ whatis ls  
ls (1) - list directory contents

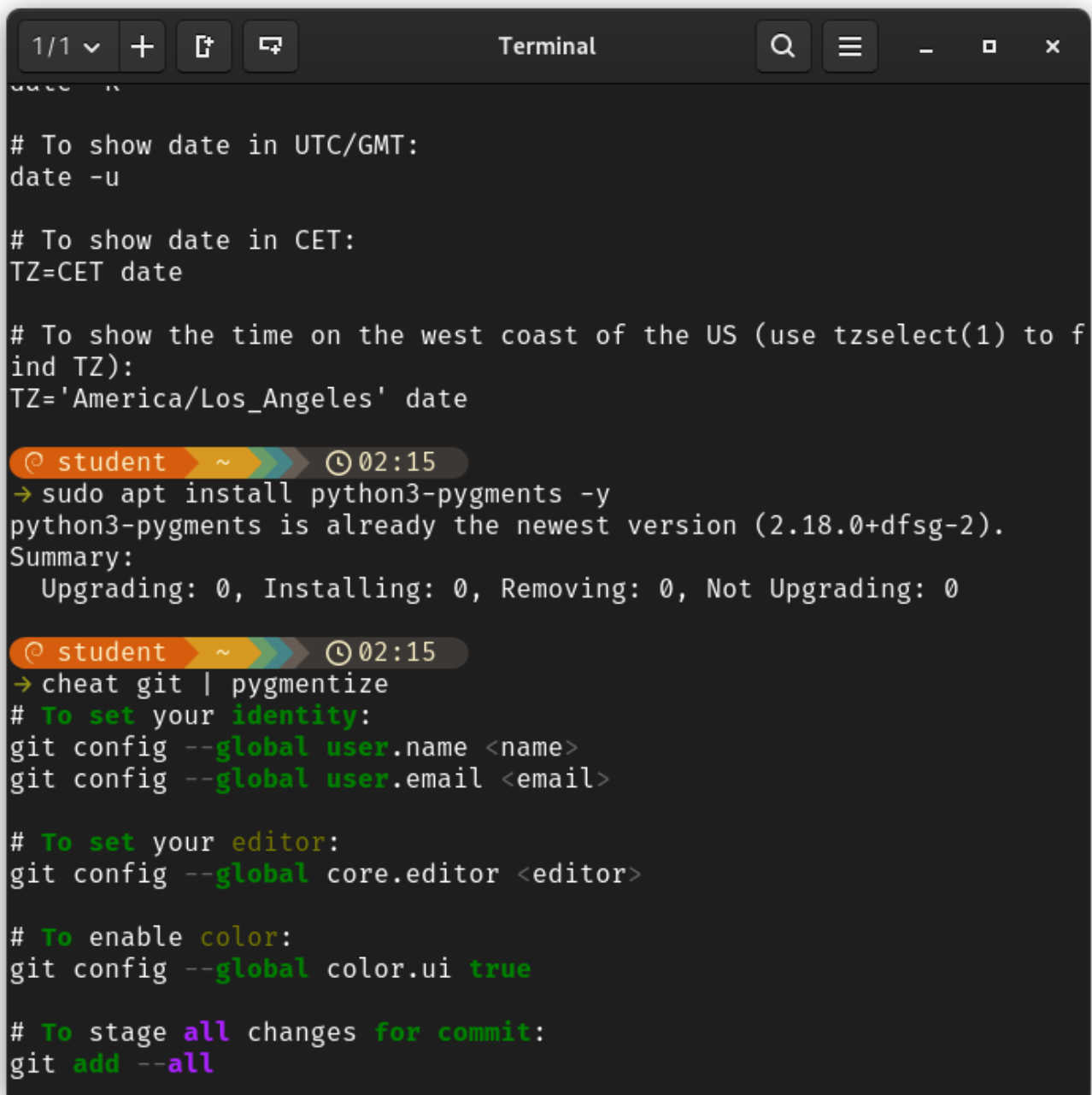
@ student ~ 01:51  
→ whatis pwd  
pwd (1) - print name of current/working directory

@ student ~ 01:51  
→ whatis apt  
apt (8) - command-line interface

@ student ~ 01:51  
→ whatis sudo  
sudo (8) - execute a command as another user

@ student ~ 01:51  
→

## Practice 10



```
1/1 v + [ ] [ ] Terminal [Q] [≡] - □ x

# To show date in UTC/GMT:
date -u

# To show date in CET:
TZ=CET date

# To show the time on the west coast of the US (use tzselect(1) to find TZ):
TZ='America/Los_Angeles' date

@ student ~ 02:15
→ sudo apt install python3-pygments -y
python3-pygments is already the newest version (2.18.0+dfsg-2).
Summary:
  Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 0

@ student ~ 02:15
→ cheat git | pygmentize
# To set your identity:
git config --global user.name <name>
git config --global user.email <email>

# To set your editor:
git config --global core.editor <editor>

# To enable color:
git config --global color.ui true

# To stage all changes for commit:
git add --all
```