Week Report 3

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

Practice 4

```
  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
→
```
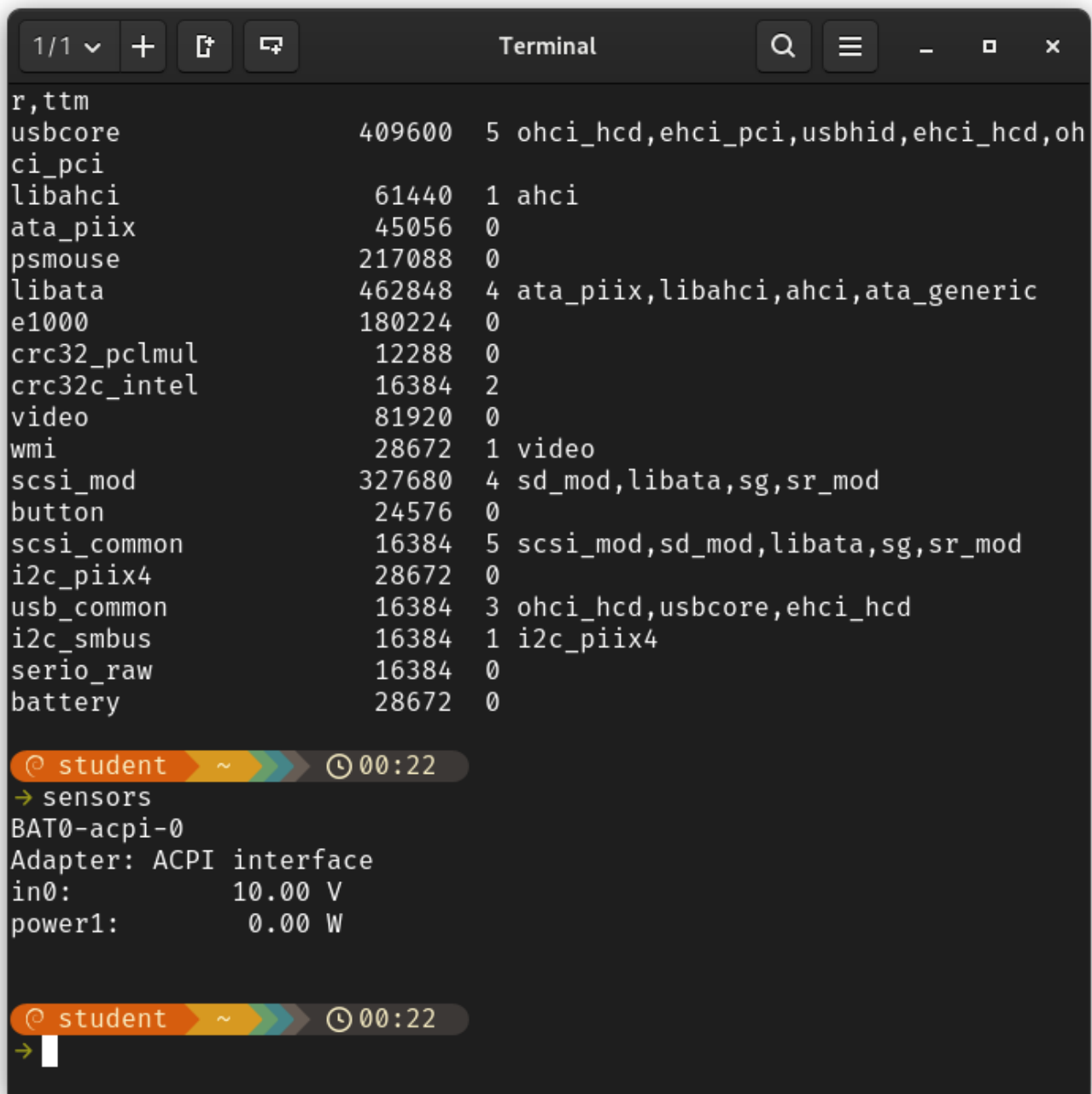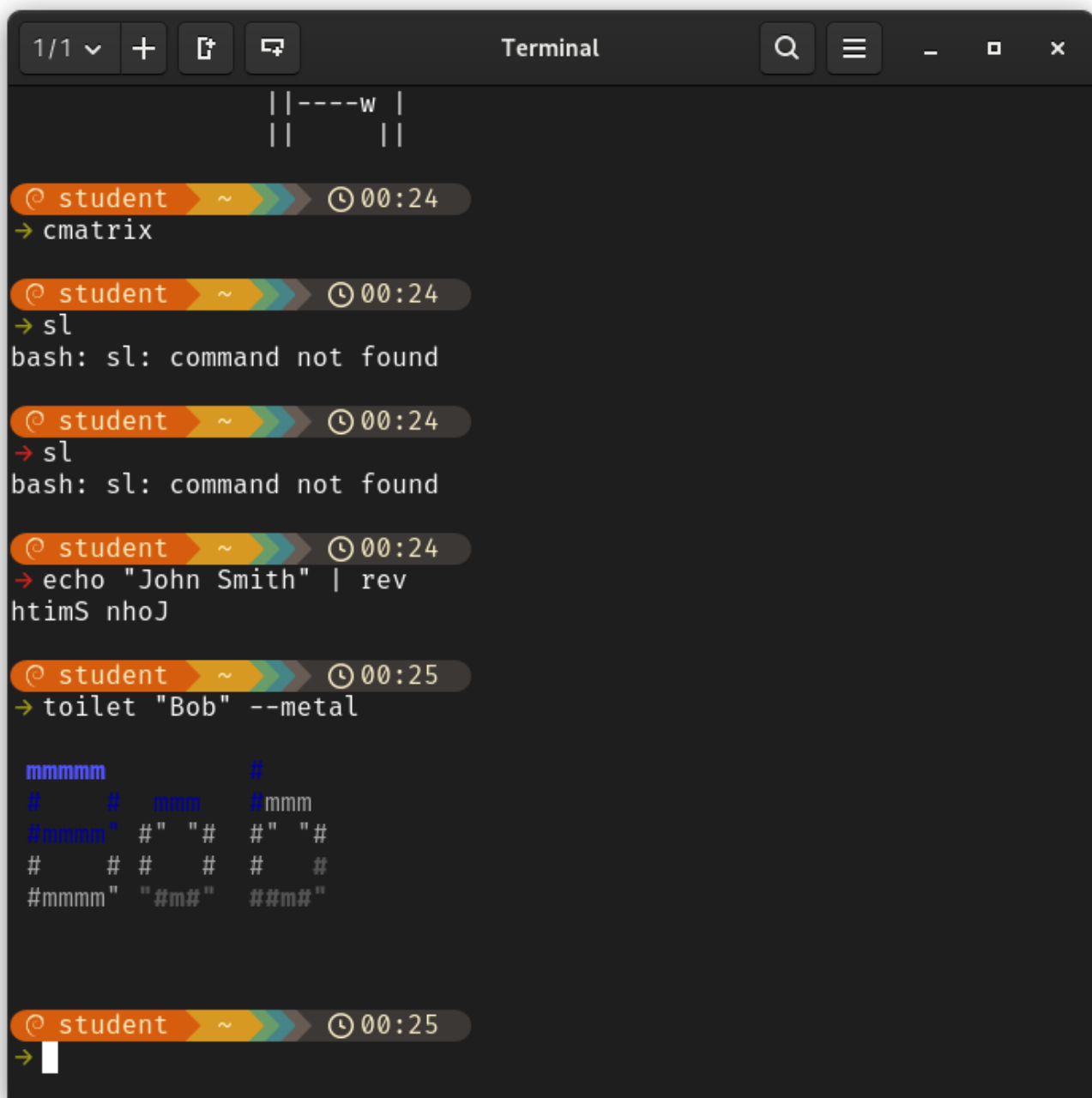
Practice 5

```
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

```
                    ||----w |
                    ||      ||
```

```
 @ student  ~   00:24
→ cmatrix
```

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

```
 @ student  ~   00:24
→ sl
bash: sl: command not found
```
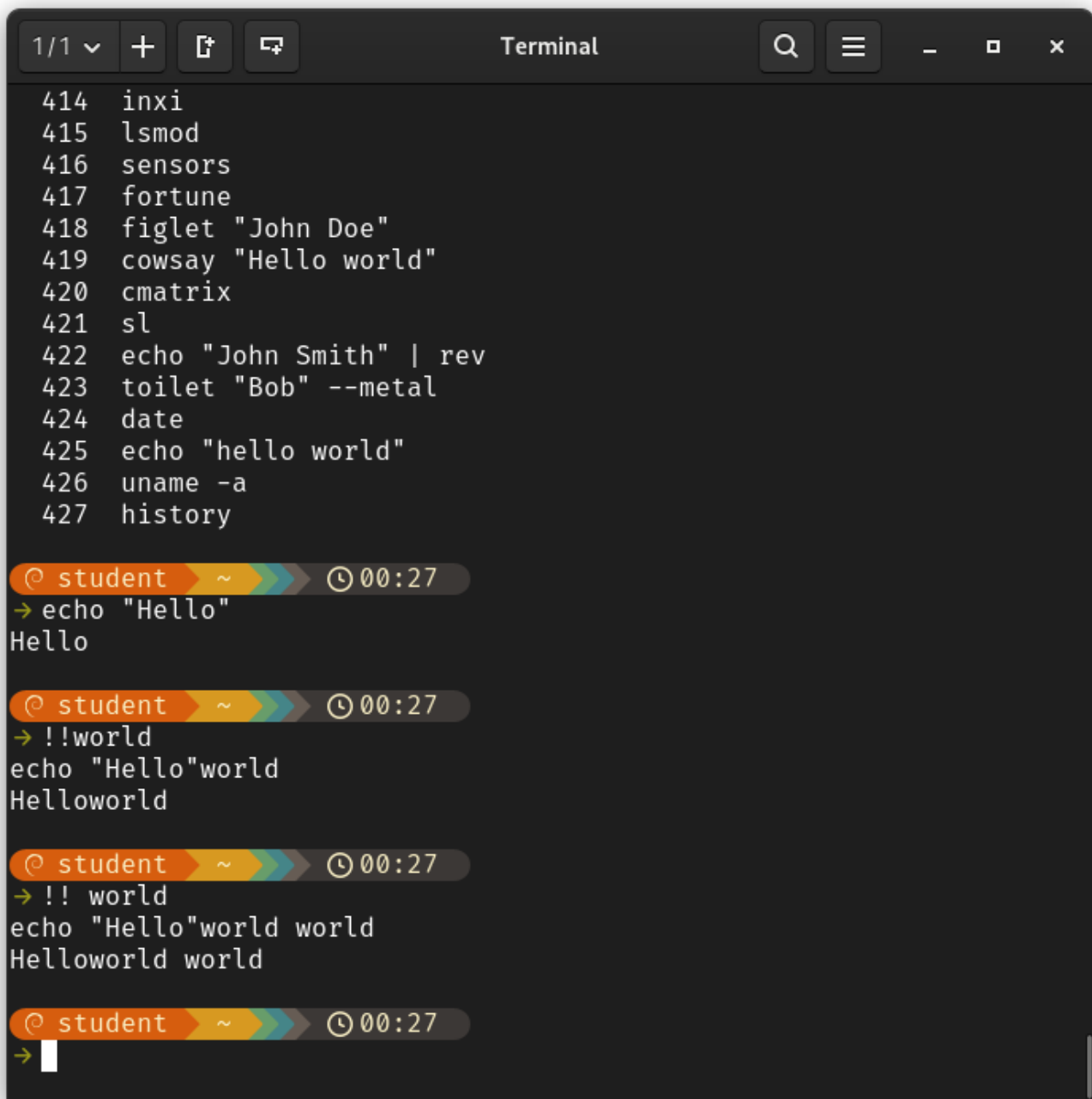
```
 @ student  ~   00:24
→ echo "John Smith" | rev
htimS nhoJ
```

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

 mmmmm              #
 #       #    mmm   #mmm
 #mmmm"  #" "#  #" "#
 #       # #    #  #    #
 #mmmm"  "#m#"  ##m#"
```

```
 @ student  ~   00:25
→ █
```

Practice 7

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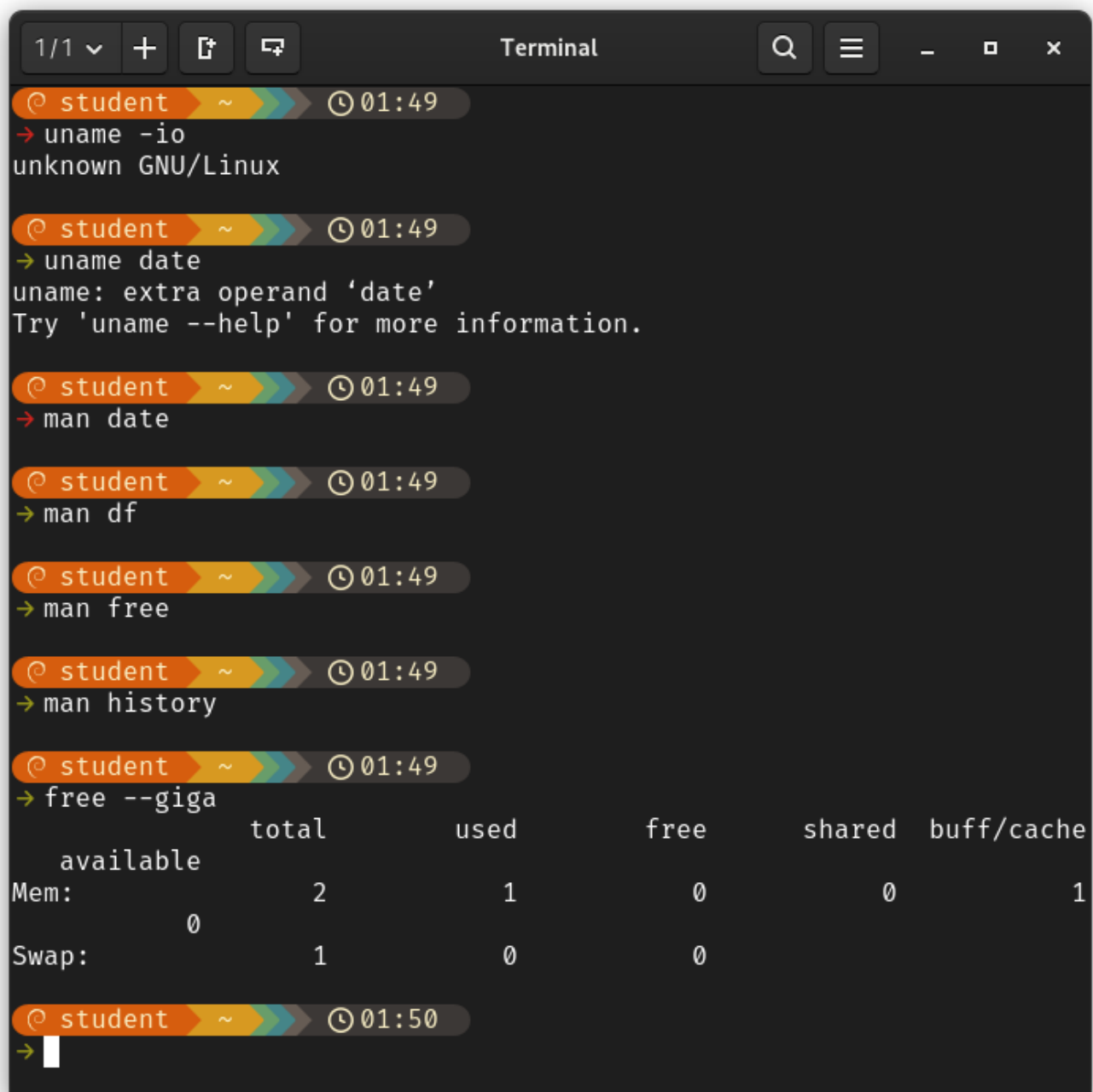
```
 student    ~      00:27
→ echo "Hello"
Hello
```

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

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

```
 student    ~      00:27
→
```

Practice 8

```
  student    ~        01:49
→ uname -io
unknown GNU/Linux                        6 / 8

  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
         0
Swap:             1           0            0

  student    ~        01:50
→
```
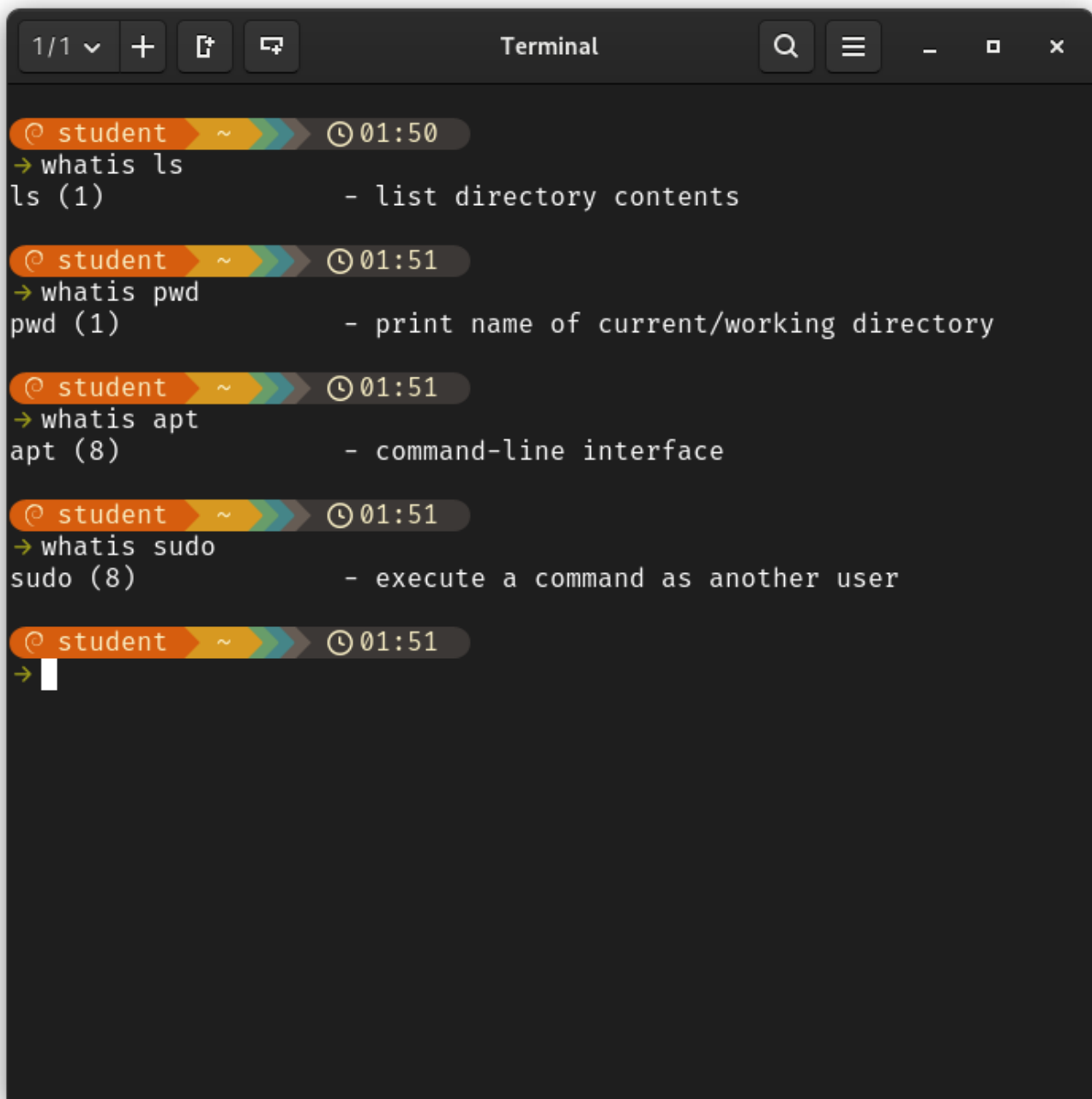
Practice 9

```
1/1 ∨  +  ⬚  ⬚              Terminal              Q  ☰   _  ▢  ✕

 @ 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
→ █
```
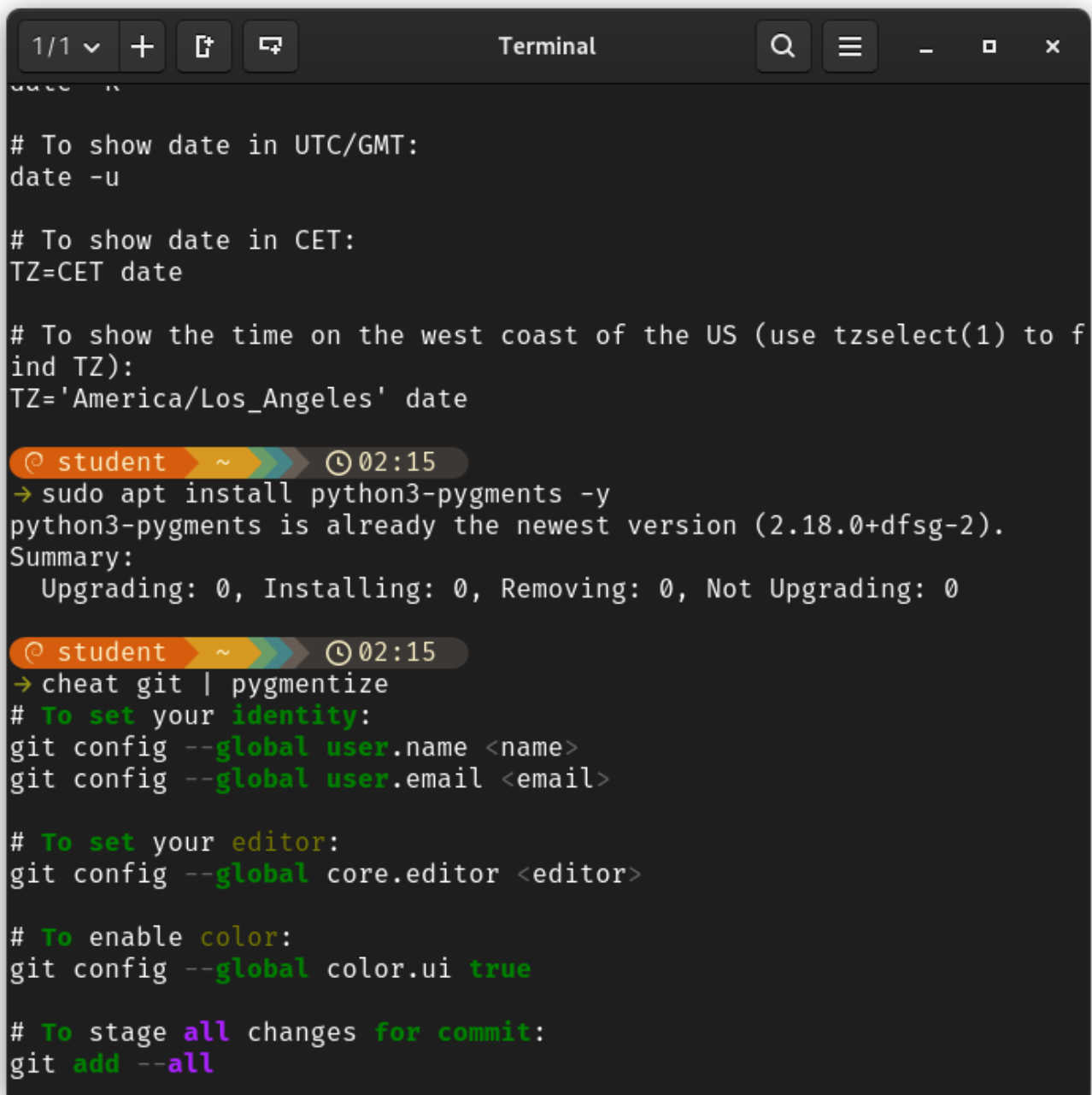
Practice 10

```
# 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 f
ind 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
```