

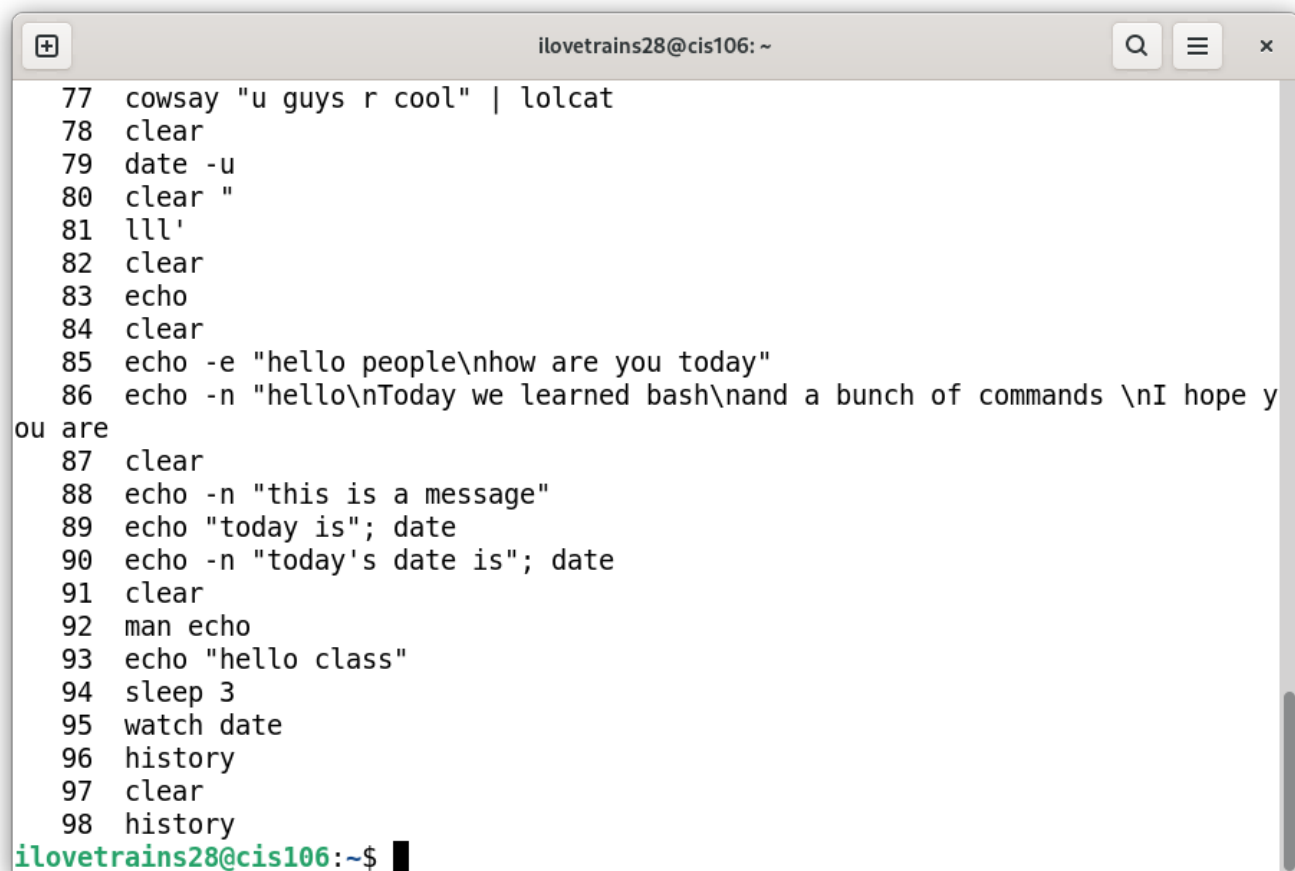
Week report 3

Completed work for week 3

- [lab 3](#)
- [Notes 3](#)

Practice screenshots

Practice 3



```
ilovetrains28@cis106: ~  
77 cowsay "u guys r cool" | lolcat  
78 clear  
79 date -u  
80 clear "  
81 lll'  
82 clear  
83 echo  
84 clear  
85 echo -e "hello people\nhow are you today"  
86 echo -n "hello\nToday we learned bash\nand a bunch of commands \nI hope y  
ou are  
87 clear  
88 echo -n "this is a message"  
89 echo "today is"; date  
90 echo -n "today's date is"; date  
91 clear  
92 man echo  
93 echo "hello class"  
94 sleep 3  
95 watch date  
96 history  
97 clear  
98 history  
ilovetrains28@cis106:~$
```

Practice 4

```

ilovetrains28@cis106: ~
2793 ilovetr+ 20 0 3099460 438192 178696 S 3.0 10.9 1:10.32 firefox+
1851 ilovetr+ 20 0 3989584 423180 158292 S 1.3 10.5 1:32.92 gnome-s+
3444 ilovetr+ 20 0 2730380 258448 95560 S 0.3 6.4 0:01.80 Isolate+
3470 ilovetr+ 20 0 2425420 77164 63988 S 0.3 1.9 0:08.92 Web Con+
4485 ilovetr+ 20 0 2425436 77840 64020 S 0.3 1.9 0:00.23 Web Con+
4525 ilovetr+ 20 0 10396 5848 3672 R 0.3 0.1 0:00.11 top
  1 root      20 0 24244 14872 10728 S 0.0 0.4 0:01.95 systemd
  2 root      20 0 0 0 0 S 0.0 0.0 0:00.03 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+
 12 root      20 0 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+
ilovetrains28@cis106:~$ uname -a
Linux cis106 6.12.63+deb13-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.12.63-1 (2025-1
2-30) x86_64 GNU/Linux
ilovetrains28@cis106:~$ du -hd1 /home
1.3G    /home/ilovetrains28
1.3G    /home
ilovetrains28@cis106:~$

```

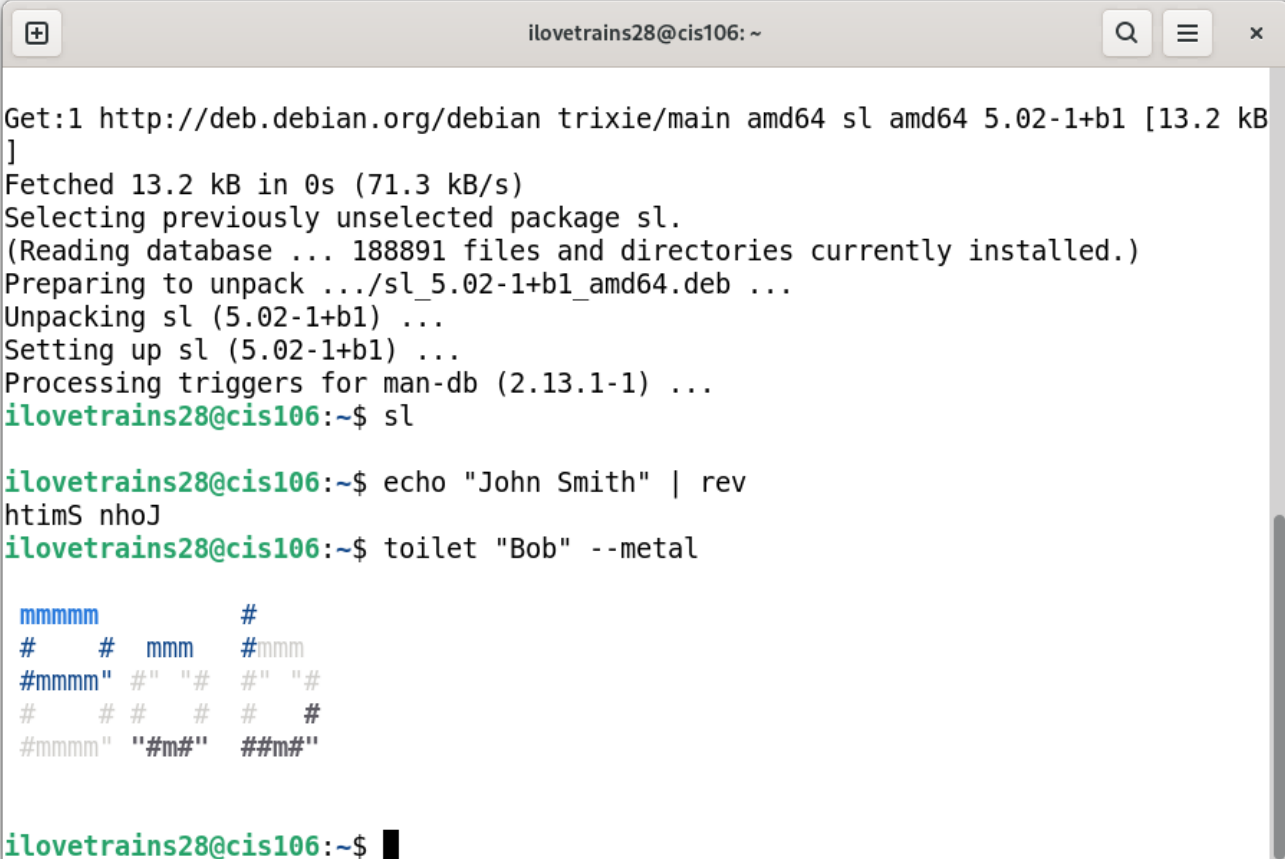
Practice 5

```

ilovetrains28@cis106: ~
libata          462848 4 ata_piix,libahci,ahci,ata_generic
usbcore         409600 5 ohci_hcd,ehci_pci,usbhid,ehci_hcd,ohci_pci
drm             774144 8 vmwgfx,drm_kms_helper,drm_ttm_helper,ttm
psmouse        217088 0
crc32_pclmul    12288 0
video          81920 0
i2c_piix4       28672 0
crc32c_intel    16384 2
e1000          180224 0
scsi_mod        327680 4 sd_mod,libata,sg,sr_mod
usb_common      16384 3 ohci_hcd,usbcore,ehci_hcd
wmi             28672 1 video
i2c_smbus       16384 1 i2c_piix4
serio_raw       16384 0
button          24576 0
battery         28672 0
scsi_common     16384 5 scsi_mod,sd_mod,libata,sg,sr_mod
ilovetrains28@cis106:~$ sensors
BAT0-acpi-0
Adapter: ACPI interface
in0:          10.00 V
power1:        N/A
ilovetrains28@cis106:~$

```

Practice 6



```
ilovetrains28@cis106: ~  
Get:1 http://deb.debian.org/debian trixie/main amd64 sl amd64 5.02-1+b1 [13.2 kB]  
]  
Fetched 13.2 kB in 0s (71.3 kB/s)  
Selecting previously unselected package sl.  
(Reading database ... 188891 files and directories currently installed.)  
Preparing to unpack .../sl_5.02-1+b1_amd64.deb ...  
Unpacking sl (5.02-1+b1) ...  
Setting up sl (5.02-1+b1) ...  
Processing triggers for man-db (2.13.1-1) ...  
ilovetrains28@cis106:~$ sl  
  
ilovetrains28@cis106:~$ echo "John Smith" | rev  
htimS nhoJ  
ilovetrains28@cis106:~$ toilet "Bob" --metal  
  
mmmmm      #  
#      #   mmm  #mmm  
#mmm"  #"  "  #  #"  "  
#      #   #   #   #   #  
#mmm"  "#m#"  ##m#"  "
```

Practice 7

```

125 cowsay "Hello world"
126 cmatrix
127 sl
128 sudo apt install sl -y
129 sl
130 echo "John Smith" | rev
131 toilet "Bob" --metal
132 clear
133 date
134 echo "hello world"
135 uname -a
136 history
ilovetrains28@cis106:~$ !3
--disable-gpu-compositing
bash: --disable-gpu-compositing: command not found
ilovetrains28@cis106:~$ !!
--disable-gpu-compositing
bash: --disable-gpu-compositing: command not found
ilovetrains28@cis106:~$ echo "hello"
hello
ilovetrains28@cis106:~$ !!world
echo "hello"world
helloworld
ilovetrains28@cis106:~$

```

Practice 8

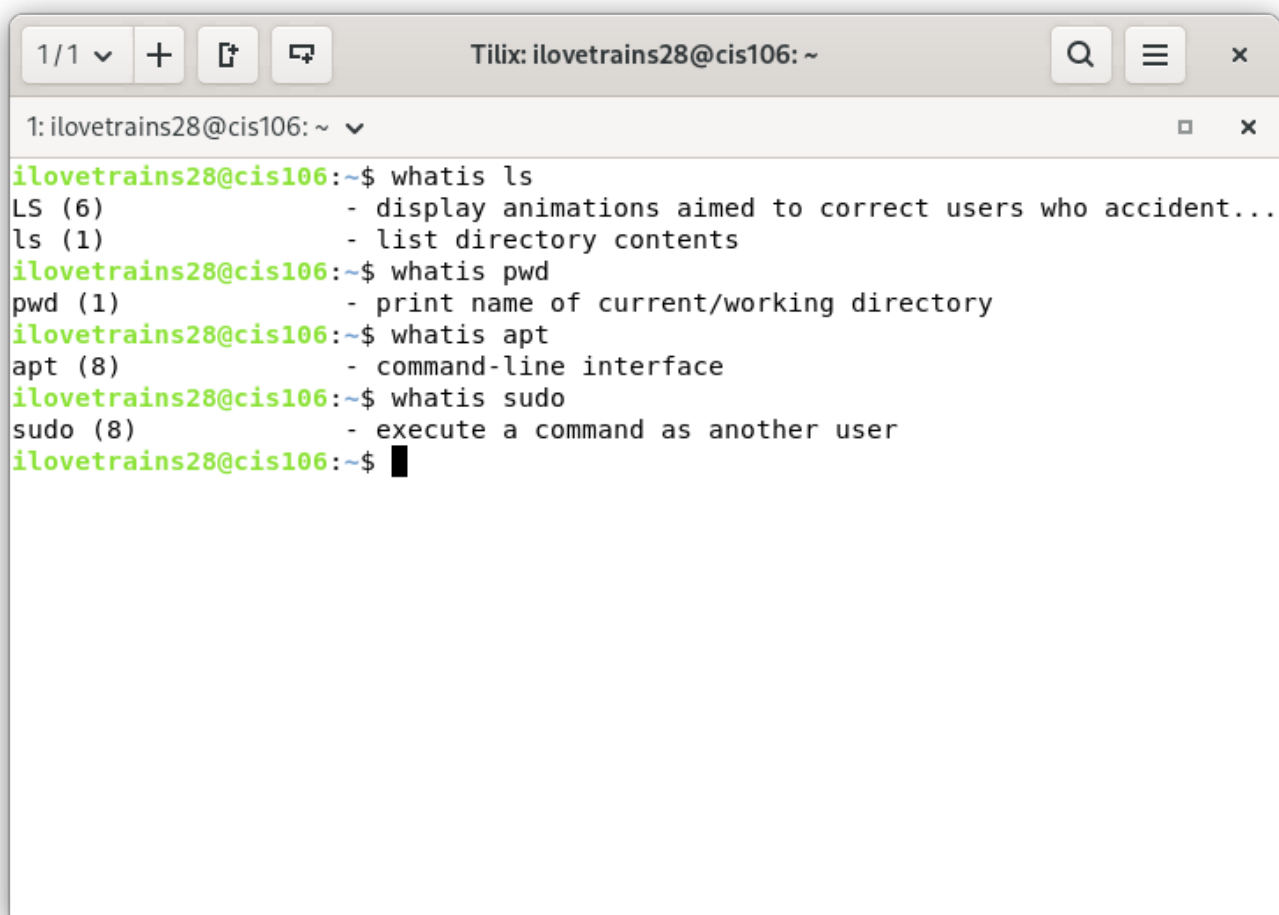
```

1/1  +  -  Titix: ilovetrains28@cis106: ~
1: ilovetrains28@cis106: ~  2: ilovetrains28@cis106: ~
UNAME(1)  User Commands  UNAME(1)
NAME
uname - print system informa-
tion
SYNOPSIS
uname [OPTION]...
DESCRIPTION
Print certain system informa-
tion.  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
Manual page uname(1) line 1 (press h for help or q to quit)

Linux
ilovetrains28@cis106:~$ uname -n
cis106
ilovetrains28@cis106:~$ uname -io
unknown GNU/Linux
ilovetrains28@cis106:~$ uname -s
Linux
ilovetrains28@cis106:~$ uname -n
cis106
ilovetrains28@cis106:~$ uname -io
uname: invalid option -- '0'
Try 'uname --help' for more information.
ilovetrains28@cis106:~$ uname -io
unknown GNU/Linux
ilovetrains28@cis106:~$ man date
ilovetrains28@cis106:~$ man df
ilovetrains28@cis106:~$ man free
ilovetrains28@cis106:~$ man clear
ilovetrains28@cis106:~$ man history
ilovetrains28@cis106:~$ free --giga
              total        used        free      shared  buff/cache   available
Mem:           4          2          0          0          1          1
Swap:          2          0          2

```

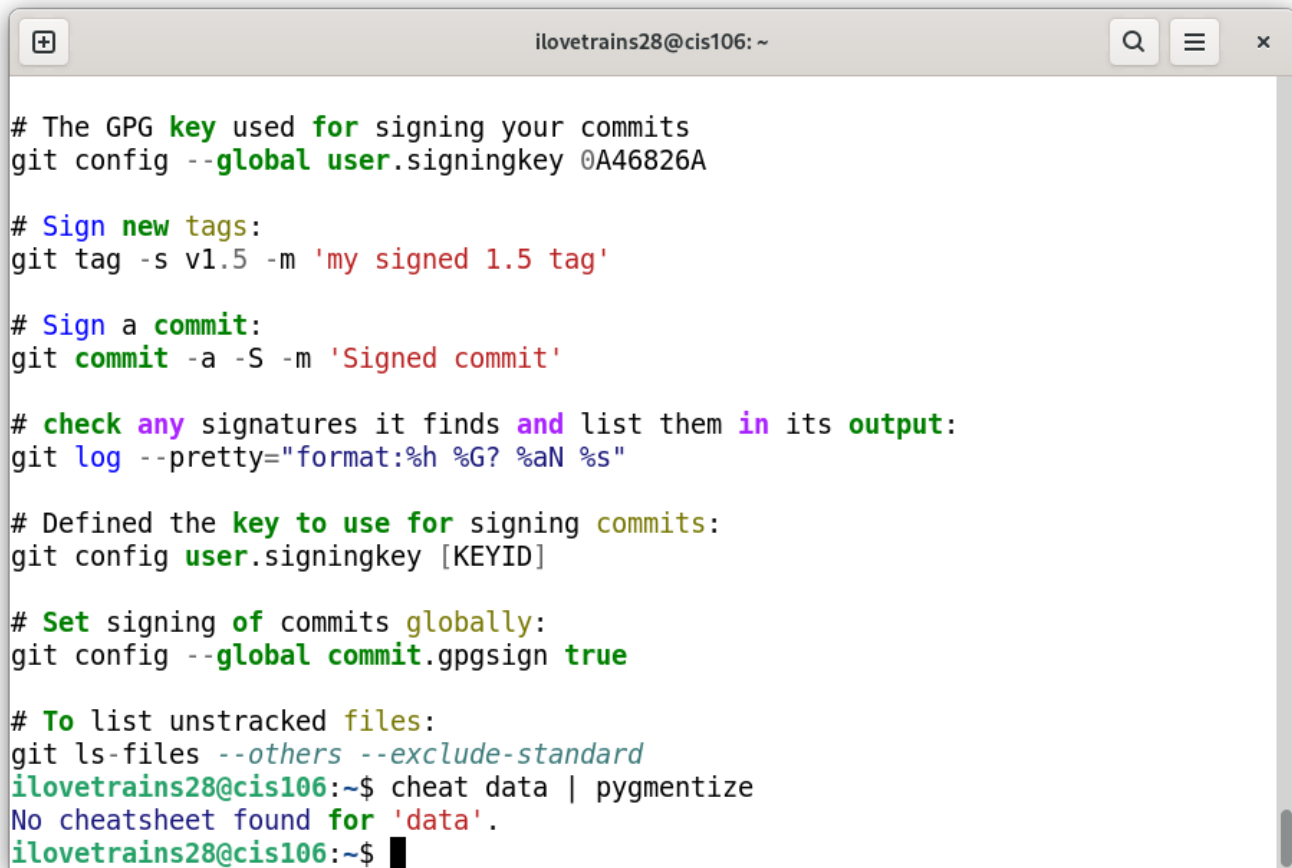
Practice 9



A terminal window titled "Tilix: ilovetrains28@cis106: ~" with standard window controls. The terminal shows the output of the 'whatis' command for four different utilities. The prompt is 'ilovetrains28@cis106:~\$'.

```
ilovetrains28@cis106:~$ whatis ls
ls (6) - display animations aimed to correct users who accident...
ls (1) - list directory contents
ilovetrains28@cis106:~$ whatis pwd
pwd (1) - print name of current/working directory
ilovetrains28@cis106:~$ whatis apt
apt (8) - command-line interface
ilovetrains28@cis106:~$ whatis sudo
sudo (8) - execute a command as another user
ilovetrains28@cis106:~$
```

Practice 10



```
ilovetrains28@cis106: ~  
# The GPG key used for signing your commits  
git config --global user.signingkey 0A46826A  
  
# Sign new tags:  
git tag -s v1.5 -m 'my signed 1.5 tag'  
  
# Sign a commit:  
git commit -a -S -m 'Signed commit'  
  
# check any signatures it finds and list them in its output:  
git log --pretty="format:%h %G? %aN %s"  
  
# Defined the key to use for signing commits:  
git config user.signingkey [KEYID]  
  
# Set signing of commits globally:  
git config --global commit.gpgsign true  
  
# To list untracked files:  
git ls-files --others --exclude-standard  
ilovetrains28@cis106:~$ cheat data | pygmentize  
No cheatsheet found for 'data'.  
ilovetrains28@cis106:~$
```