

Week Report 3

Completed work for week 3

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

Practice Screenshots

Practice 3



A terminal window titled 'map@cis106: ~' with search, menu, and close buttons. It displays a list of commands and their outputs, numbered 73 to 95. The commands include 'clear', 'date', 'man', 'echo', 'sudo apt update', 'apt search', 'sudo apt install', 'sleep', 'watch', and 'history'.

```
73 49
74 bash 49
75 clear
76 date -d "3 years ago"
77 man
78 clear
79 man echo
80 clear
81 man echo
82 echo "i like pcs"
83 echo -n "i like pcs"
84 echo "i like going to the park"
85 echo -e "i like food\nI like rice\nDo you?"
86 clear
87 sudo apt update
88 apt search "video player"
89 sudo apt install mpv
90 echo "Hello Class!"
91 sleep 3
92 watch date
93 history
94 clear
95 history
map@cis106:~$
```

Practice 4

```

map@cis106: ~
1867 map      20    0 3818096 248388 124116 S   4.3  6.2  0:48.01 gnome-s+
3356 map      20    0 547360  49600  39292 S   1.0  1.2  0:03.45 gnome-t+
  10 root      20    0      0      0      0 I   0.3  0.0  0:00.72 kworker+
  37 root      20    0      0      0      0 I   0.3  0.0  0:01.43 kworker+
 946 root      20    0 350300   2504  2224 S   0.3  0.1  0:01.59 VBoxDRM+
3629 map      20    0  10400   5864   3692 R   0.3  0.1  0:00.05 top
   1 root      20    0   24168  14924  10824 S   0.0  0.4  0:01.81 systemd
   2 root      20    0      0      0      0 S   0.0  0.0  0:00.01 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+

map@cis106:~$ uname -a
Linux cis106 6.12.43+deb13-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.12.43-1 (2025-0
8-27) x86_64 GNU/Linux
map@cis106:~$ du -hd1 /home
1.2G    /home/map
1.2G    /home
map@cis106:~$

```

Practice 5

```

map@cis106: ~
psmouse      217088  0
scsi_mod      327680  4 sd_mod,libata,sg,sr_mod
crc32_pclmul  12288  0
i2c_piix4     28672  0
ehci_pci      16384  0
ehci_hcd     110592  1 ehci_pci
usbcore      409600  5 ohci_hcd,ehci_pci,usbhid,ehci_hcd,ohci_pci
battery       28672  0
e1000        180224  0
scsi_common   16384  5 scsi_mod,sd_mod,libata,sg,sr_mod
crc32c_intel  16384  2
serio_raw     16384  0
video         81920  0
i2c_smbus     16384  1 i2c_piix4
usb_common    16384  3 ohci_hcd,usbcore,ehci_hcd
wmi           28672  1 video
button        24576  0

map@cis106:~$ sensors
BAT0-acpi-0
Adapter: ACPI interface
in0:          10.00 V
power1:        0.00 W

map@cis106:~$

```

Practice 6

```

map@cis106: ~
map@cis106:~$ cowsay "Hello World"
  < Hello World >
  -----
  \      ^__^
   \      (oo)\_______
      (__)\       )\/\
         ||----w |
         ||     ||

map@cis106:~$ cmatrix
map@cis106:~$ sl
bash: sl: command not found
map@cis106:~$ echo "John Smith" | rev
htimS nhoJ
map@cis106:~$ toilet "Bob" --metal

mmmmm      #
#      #   mmm   #mmm
#mmm"  #"  "#   #"  "#
#      #   #   #   #
#mmm"  "#m#"  ##m#"

map@cis106:~$ █

```

Practice 7

```

map@cis106: ~
124 date
125 echo "hello world"
126 uname -a
127 history
128 echo "hello"
echo "hello"
clear
129 clear
130 date
131 echo "Hello World"
132 uname -a
133 history
map@cis106:~$ !#

map@cis106:~$ !131
echo "Hello World"
Hello World
map@cis106:~$ !!
echo "Hello World"
Hello World
map@cis106:~$ !!world
echo "Hello World"world
Hello Worldworld
map@cis106:~$ █

```

Practice 8

1: map@cis106: ~ ▾

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

	free	shared	total	used	availab
Mem:	1	0	4	1	
Swap:	2		2	0	

map@cis106:~\$

2: map@cis106: ~ ▾

SEE ALSO

arch(1), uname(2)

Full documentation
<<https://www.gnu.org/software/coreutils/uname>>
or available locally via: info
'(coreutils) uname invocation'

Packaged by Debian (9.7-3)
Copyright © 2025 Free Software Foundation, Inc.
License GPLv3+: GNU GPL version 3 or later <<https://gnu.org/licenses/gpl.html>>.
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.

GNU coreuti... June 2025 UNAME(1)
9 (END) (press h for help or q to quit)

Practice 9

Oct 12 7:32 PM

Tilix: map@cis106: ~

1: map@cis106: ~ ▾

```
%U week number of year, with Sunday as first day of week (00..53)
%V ISO week number, with Monday as first day of week (01..53)
%W day of week (0..6); 0 is Sunday
%W week number of year, with Monday as first day of week (00..53)
%x locale's date (can be ambiguous; e.g., 12/31/99)
%X locale's time representation (e.g., 23:13:48)
%y last two digits of year (ambiguous; 00..99)
%Y year
%z +hhmm numeric time zone (e.g., -0400)
%Z +hh:mm numeric time zone (e.g., -04:00)
%::z +hh:mm:ss numeric time zone (e.g., -04:00:00)
%:::z numeric time zone with : to necessary precision (e.g., -04, +05:30)
%Z alphabetic time zone abbreviation (e.g., EDT)
```

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"

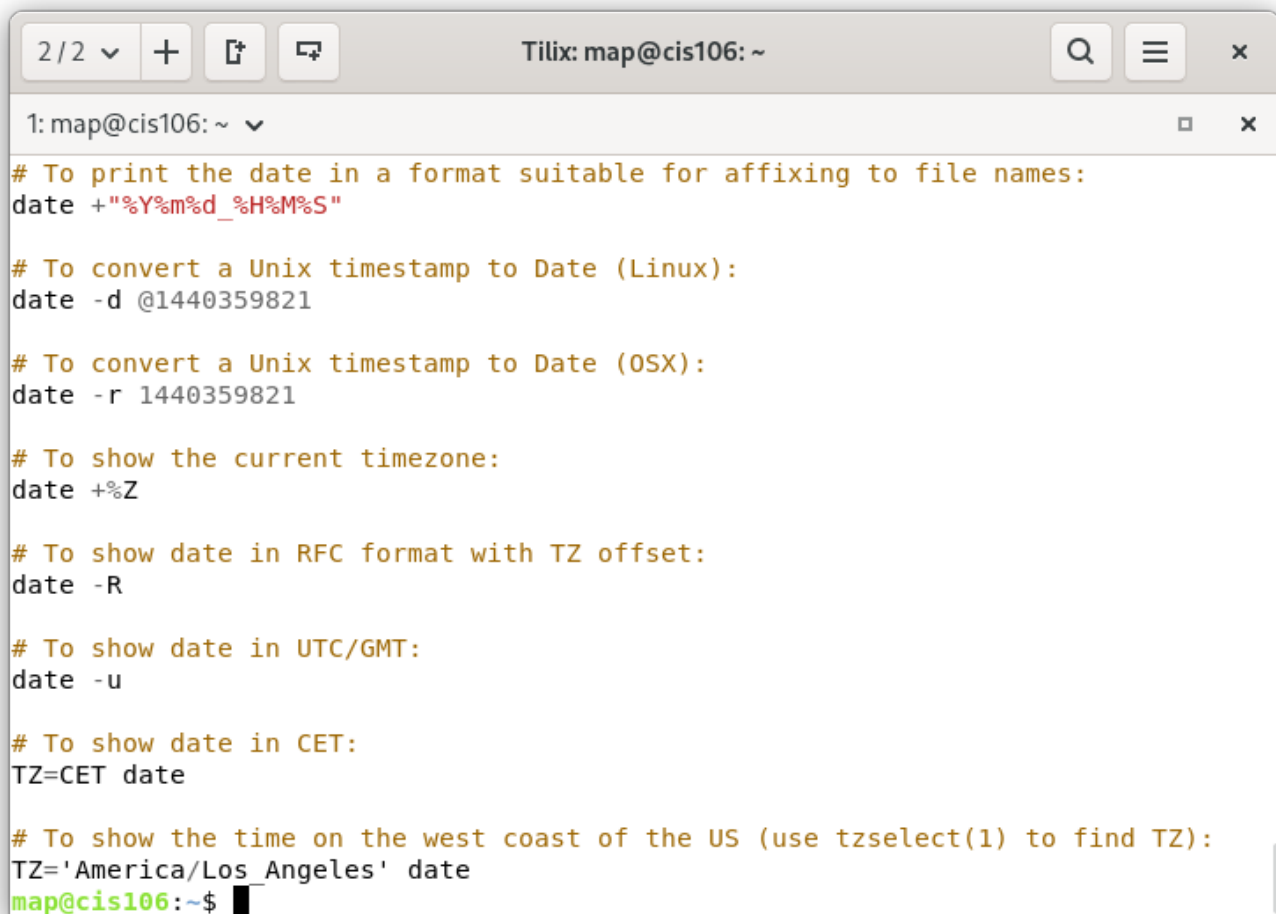
GNU coreutils online help: <<https://www.gnu.org/software/coreutils/>>
Full documentation <<https://www.gnu.org/software/coreutils/date>>
or available locally via: info '(coreutils) date invocation'

map@cis106:~\$

2: map@cis106: ~ ▾

```
map@cis106:~$ whatis ls
ls (1) - list director...
map@cis106:~$ whatis pwd
pwd (1) - print name of...
map@cis106:~$ whatis apt
apt (8) - command-line ...
map@cis106:~$ whatis sudo
sudo (8) - execute a com...
map@cis106:~$
```

Practice 10

A terminal window titled 'Tilix: map@cis106: ~' with standard window controls. The terminal shows a series of comments and commands for the 'date' utility. The comments are in orange, and the commands are in black. The prompt is green. The cursor is at the end of the last line.

```
2/2 ▾ + 🔍 ↻  
Tilix: map@cis106: ~  
1: map@cis106: ~ ▾  
# To print the date in a format suitable for affixing to file names:  
date +"%Y%m%d_%H%M%S"  
  
# To convert a Unix timestamp to Date (Linux):  
date -d @1440359821  
  
# To convert a Unix timestamp to Date (OSX):  
date -r 1440359821  
  
# To show the current timezone:  
date +%Z  
  
# To show date in RFC format with TZ offset:  
date -R  
  
# 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  
map@cis106:~$
```