

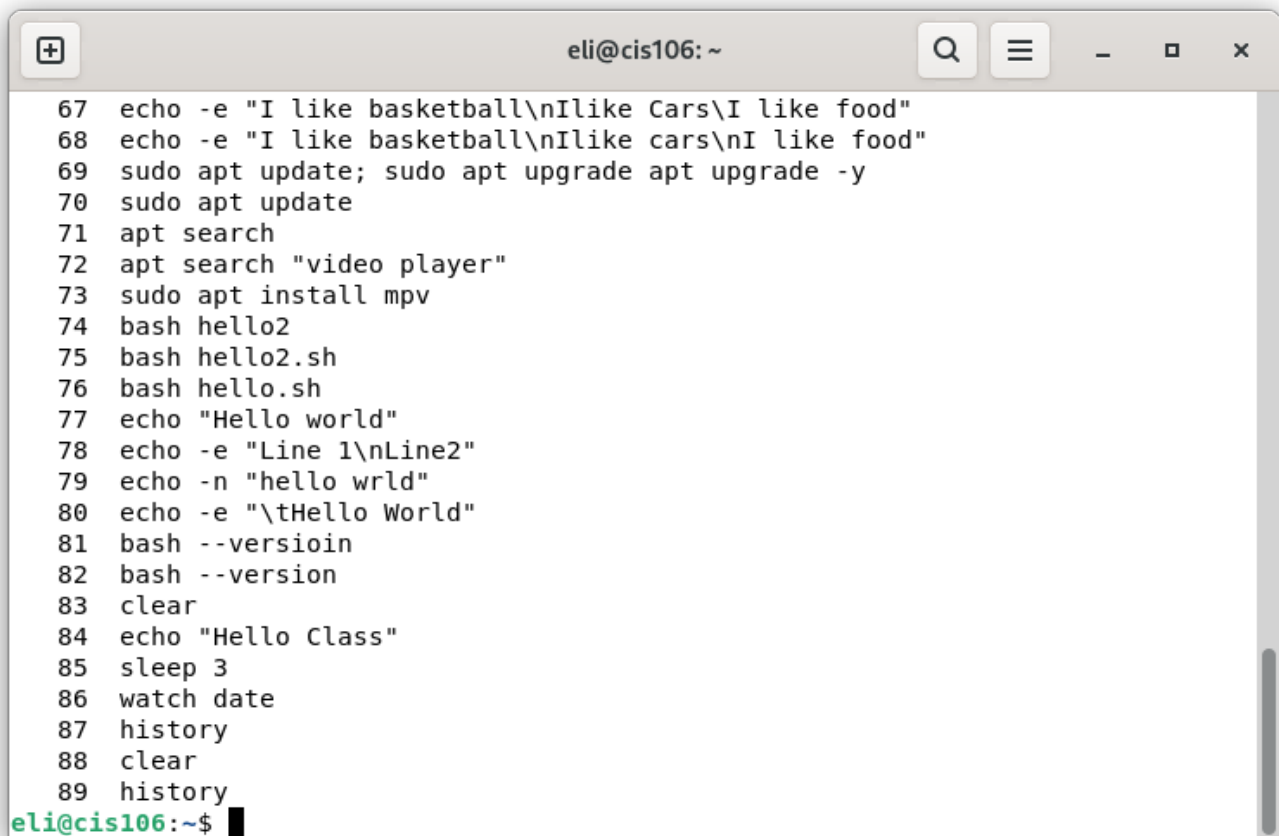
Week Report 3

Completed work for week 3

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

Practice Screenshots

Practice 3



```
eli@cis106: ~  
67 echo -e "I like basketball\nIlike Cars\nI like food"  
68 echo -e "I like basketball\nIlike cars\nI like food"  
69 sudo apt update; sudo apt upgrade apt upgrade -y  
70 sudo apt update  
71 apt search  
72 apt search "video player"  
73 sudo apt install mpv  
74 bash hello2  
75 bash hello2.sh  
76 bash hello.sh  
77 echo "Hello world"  
78 echo -e "Line 1\nLine2"  
79 echo -n "hello wrld"  
80 echo -e "\tHello World"  
81 bash --versioin  
82 bash --version  
83 clear  
84 echo "Hello Class"  
85 sleep 3  
86 watch date  
87 history  
88 clear  
89 history  
eli@cis106:~$
```

Practice 4

```

eli@cisl06: ~
1891 eli      20    0 3848932 276748 136712 S   4.0   6.9   3:46.95 gnome-s+
3228 eli      20    0 2911492 350280 107628 S   0.7   8.7   4:02.52 Isolate+
5301 eli      20    0 547544 49788 39264 S   0.7   1.2   0:03.75 gnome-t+
12 root      20    0      0      0      0 I   0.3   0.0   0:02.14 kworker+
2628 eli      20    0 3519056 523840 225888 S   0.3  13.0   3:43.71 firefox+
5582 root     20    0      0      0      0 I   0.3   0.0   0:00.27 kworker+
5945 eli      20    0 10400 5800 3624 R   0.3   0.1   0:00.08 top
1 root      20    0 24152 14900 10744 S   0.0   0.4   0:01.67 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+
eli@cisl06:~$ uname -a
Linux cisl06 6.12.43+deb13-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.12.43-1 (2025-08-27)
x86_64 GNU/Linux
eli@cisl06:~$ du -hd1 /home
1.3G    /home/eli
1.3G    /home
eli@cisl06:~$

```

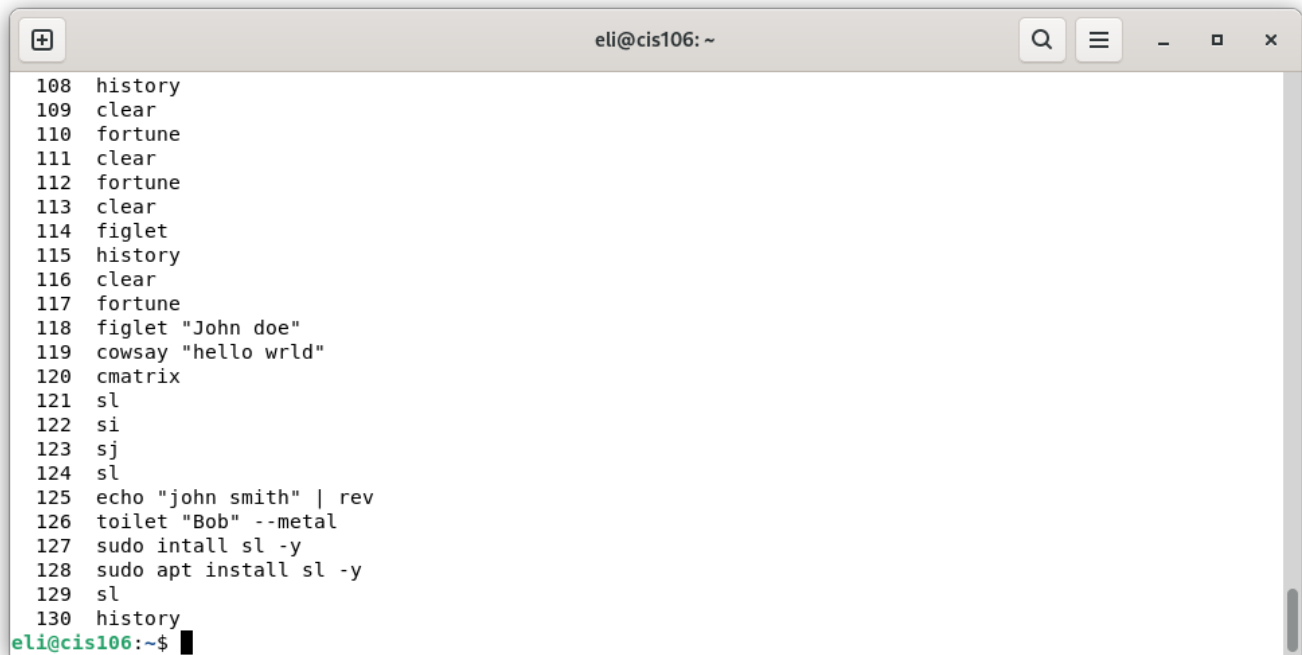
Practice 5

```

eli@cisl06: ~
86 watch date
87 history
88 clear
89 history
90 clear
91 whoami
92 uptime
93 hostname
94 free -h
95 df -h /
96 top
97 uname -a
98 du -hd1 /home
99 clear
100 clear
101 lscpu
102 lsusb
103 lspci
104 lsblk
105 inxi
106 lsmod
107 sensors
108 history
eli@cisl06:~$

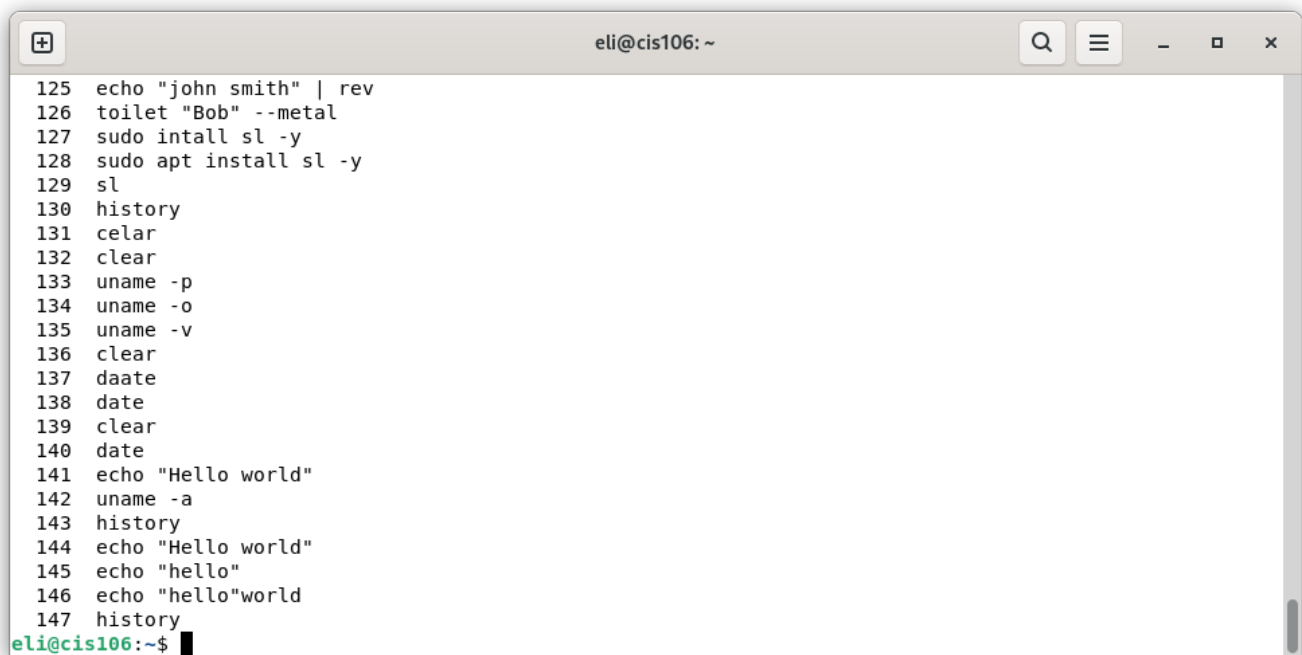
```

Practice 6



```
eli@cis106: ~  
108 history  
109 clear  
110 fortune  
111 clear  
112 fortune  
113 clear  
114 figlet  
115 history  
116 clear  
117 fortune  
118 figlet "John doe"  
119 cowsay "hello wrld"  
120 cmatrix  
121 sl  
122 si  
123 sj  
124 sl  
125 echo "john smith" | rev  
126 toilet "Bob" --metal  
127 sudo intall sl -y  
128 sudo apt install sl -y  
129 sl  
130 history  
eli@cis106:~$
```

Practice 7



```
eli@cis106: ~  
125 echo "john smith" | rev  
126 toilet "Bob" --metal  
127 sudo intall sl -y  
128 sudo apt install sl -y  
129 sl  
130 history  
131 celar  
132 clear  
133 uname -p  
134 uname -o  
135 uname -v  
136 clear  
137 daate  
138 date  
139 clear  
140 date  
141 echo "Hello world"  
142 uname -a  
143 history  
144 echo "Hello world"  
145 echo "hello"  
146 echo "hello"world  
147 history  
eli@cis106:~$
```

Practice 8

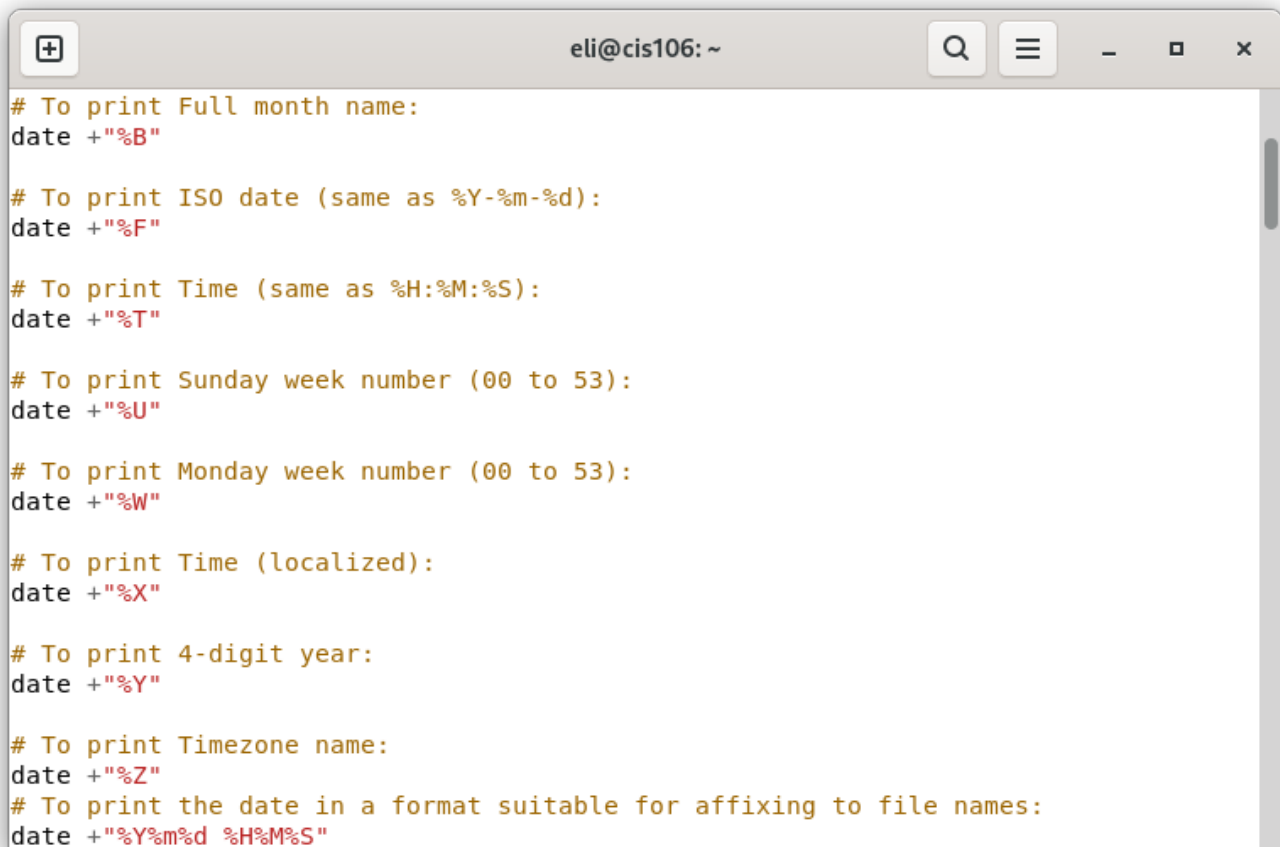
```
1: eli@cis106: ~
eli@cis106:~$ uname -s
Linux
eli@cis106:~$ uname -n
cis106
eli@cis106:~$ uname -io
unknown GNU/Linux
eli@cis106:~$ uname -s
Linux
eli@cis106:~$ uname -n
cis106
eli@cis106:~$ uname -io
uname: invalid option -- 'o'
Try 'uname --help' for more information.
eli@cis106:~$ uname -io
unknown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

```
2: eli@cis106: ~
User Commands
NAME
  uname - print system information
SYNOPSIS
  uname [OPTION]...
DESCRIPTION
  Print certain system information. 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
  -n, --nodename
    print the network node hostname
  -r, --kernel-release
    print the kernel release
  -v, --kernel-version
    print the kernel version
  -m, --machine
    print the machine hardware name
  -p, --processor
    print the processor type (non-portable)
  -i, --hardware-platform
    print the hardware platform (non-portable)
  -o, --operating-system
    print the operating system
  --help
    display this help and exit
  --version
    output version information and exit
Manual page uname(1) line 1 (press h for help or q to quit)
```

Practice 9

```
eli@cis106: ~
80 echo -e "\tHello World"
81 bash --versioin
82 bash --version
83 clear
84 --help free
85 -h free
86 free -h
87 --help free
88 --help free
89 clear
90 --help free
91 free --help
92 -h free
93 free -help
94 clear
95 free --help
96 man -h
97 man -date
98 date -h
99 date --help
100 whatis ls
101 whatis pwd
102 whatis apt
103 whatis sudo
104 history
eli@cis106:~$
```

Practice 10

A terminal window with a title bar showing 'eli@cis106: ~'. The window contains a list of date formatting codes and their descriptions. The text is as follows:

```
# To print Full month name:
date +"%B"

# To print ISO date (same as %Y-%m-%d):
date +"%F"

# To print Time (same as %H:%M:%S):
date +"%T"

# To print Sunday week number (00 to 53):
date +"%U"

# To print Monday week number (00 to 53):
date +"%W"

# To print Time (localized):
date +"%X"

# To print 4-digit year:
date +"%Y"

# To print Timezone name:
date +"%Z"

# To print the date in a format suitable for affixing to file names:
date +"%Y%m%d_%H%M%S"
```