

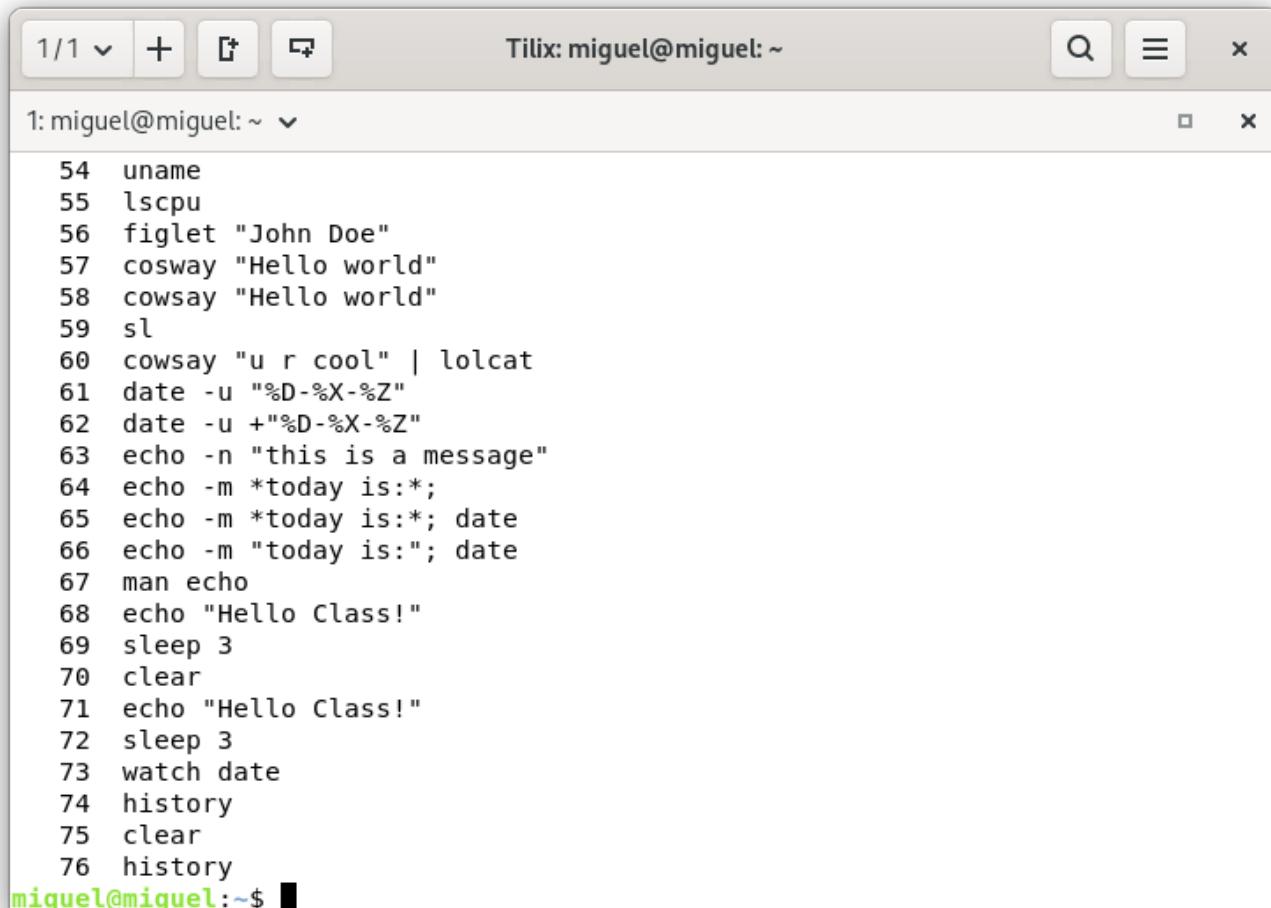
Week report 3

Completed work for week 3

- [lab 3](#)
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Practice screenshots

Practice 3



The screenshot shows a terminal window titled "Tilix: miguel@miguel: ~". The session identifier is "1: miguel@miguel: ~". The terminal interface includes standard window controls (minimize, maximize, close) and a toolbar with icons for file operations. The main pane displays a command history from line 54 to 76. The commands include various Linux utilities like uname, lscpu, figlet, cosway, cowsay, sl, date, echo, man, and sleep. The session ends with the prompt "miguel@miguel:~\$".

```
54 uname
55 lscpu
56 figlet "John Doe"
57 cosway "Hello world"
58 cowsay "Hello world"
59 sl
60 cowsay "u r cool" | lolcat
61 date -u "%D-%X-%Z"
62 date -u +"%D-%X-%Z"
63 echo -n "this is a message"
64 echo -m *today is:*
65 echo -m *today is:*
66 echo -m "today is:*
67 man echo
68 echo "Hello Class!"
69 sleep 3
70 clear
71 echo "Hello Class!"
72 sleep 3
73 watch date
74 history
75 clear
76 history
miguel@miguel:~$
```

Practice 4

```

1: miguel@miguel: ~
 2528 miguel    20   0 4018308 330636  95496 S  4.3   8.2  3:10.87 gnome-s+
 101 root      20   0      0     0      0 R  1.3   0.0  0:06.05 kworker+
 5066 miguel    20   0 578224 69532  51548 R  1.0   1.7  0:04.75 tilix
 2371 miguel    20   0 10072   7260   4328 S  0.3   0.2  0:01.12 dbus-da+
 3261 miguel    20   0 3637164 450776 110044 S  0.3  11.2  2:22.59 firefox+
 4107 miguel    20   0 2757060 202248  51172 S  0.3   5.0  0:17.06 Isolate+
 4182 miguel    20   0 2740696 276160  59820 S  0.3   6.9  0:25.34 Isolate+
 1 root       20   0 24116 15248  10736 S  0.0   0.4  0:02.08 systemd
 2 root       20   0      0     0      0 S  0.0   0.0  0:00.00 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+
miguel@miguel:~$ uname -a
Linux miguel 6.12.69+deb13-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.12.69-1 (2026-02-08) x86_64 GNU/Linux
miguel@miguel:~$ du -hd1 /home
1.2G  /home/miguel
1.2G  /home
miguel@miguel:~$ █

```

Practice 5

```

. . . . . , . . . .
85 lscpu
86 lsusb
87 lspci
88 lsblk
89 inxi
90 lsmod
91 sensors
92 history
miguel@miguel:~$ █

```

Practice 6

The screenshot shows a terminal window titled "Tilix: miguel@miguel: ~". The window contains the following text:

```
< Hello world >
-----
\ ^ ^
(oo)\_____
(_)\____ )\/\
||----w |
||   ||
miguel@miguel:~$ cmatrix
miguel@miguel:~$ sl
bash: sl: command not found
miguel@miguel:~$ sl
miguel@miguel:~$ echo "John Smith" | rev
htimS nhoJ
miguel@miguel:~$ toilet "Bob" --metal

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

miguel@miguel:~$ █
```

Practice 7

```

1: miguel@miguel: ~
90 lsmod
91 sensors
92 history
93 fortune
94 figlet "John Doe"
95 cosway "Hello world"
96 cowsay "Hello world"
97 cmatrix
98 sl
99 echo "John Smith" | rev
100 toilet "Bob" --metal
101 date
102 echo "Hello world"
103 uname -a
104 history
miguel@miguel:~$ !!world
history world
bash: history: world: numeric argument required
miguel@miguel:~$ echo "hello"
hello
miguel@miguel:~$ !!world
echo "hello"world
helloworld
miguel@miguel:~$ █

```

Practice 8

1: miguel@miguel: ~	2: miguel@miguel: ~
120 uname -0 --operating-system 121 uname -o --operating system 122 man -i 123 man -o 124 man --operating-system 125 man -o --operating-system 126 man --usage 127 -o --operating-system 128 sudo -o --operating-system 129 sudo -o 130 sudo apt-get install hardwareinfo 131 sudo apt-get install hardinfo 132 sudo apt-get install operatingsystem 133 sudo apt-get install optsys 134 uname -i 135 uname -i --hardware-platform 136 uname -a 137 a. 138 date 139 df 140 free 141 clear 142 history	-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
miguel@miguel:~\$ █	ge uname(1) line 34/89 61% (press h for help or q to quit)

Practice 9

The image shows two terminal windows side-by-side. The left window (1: miguel@miguel: ~) displays the output of the 'date' command with a specific time zone set. The right window (2: miguel@miguel: ~) shows the help documentation for the 'date' command, listing various options like -m, -p, -i, -o, --help, and --version.

```

1: miguel@miguel: ~
$ 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/c
oreutils/>
Full documentation <https://www.gnu.org/software/coreutils/
/date>
or available locally via: info '(coreutils) date invocatio
n'
miguel@miguel:~$ ls whatis
ls: cannot access 'whatis': No such file or directory
miguel@miguel:~$ whatis ls
ls (6)           - display animations aimed to corr...
ls (1)           - list directory contents
miguel@miguel:~$ whatis pwd
pwd (1)          - print name of current/working di...
miguel@miguel:~$ whatis apt
apt (8)          - command-line interface
miguel@miguel:~$ whatis sudo
sudo (8)         - execute a command as another user
miguel@miguel:~$ [REDACTED]

```

ge uname(1) line 34/89 61% (press h for help or q to quit)

```

2: miguel@miguel: ~
-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

```

Practice 10

The image shows a single terminal window (1: miguel@miguel: ~) displaying a long history of commands. The user has been running various commands from line 205 to 227, primarily related to 'cheat' and 'tldr' tools, along with some installations and configurations.

```

1: miguel@miguel: ~
205  cheat date
206  cheat git
207  sudo apt install python3-pygments -y
208  cheat git | pygmentize
209  cheat data | pygmentize
210  cheat data
211  tldr data
212  tldr --seed-config
213  tldr -u
214  sudo apt install tealdeer -y
215  tldr -u
216  tldr tar
217  tldr -show-paths
218  tldr --s
219  tldr --show-paths
220  cheat data | pygmentize
221  cheat apt install data
222  apt install data cheat
223  cheat install -data
224  cheat data | pygmentize
225  sudo apt install python3-pygments -y
226  cheat data | pygmentize
227  history
miguel@miguel:~$ [REDACTED]

```