

Questions 2 & 3

The screenshot shows two terminal windows side-by-side. Both windows have a dark background and white text.

Terminal 1 (Left):

```
1: luella@Letranger:~ ~
luella@Letranger:~$ echo "string yadda yadda"
string yadda yadda
luella@Letranger:~$ echo -n "blah blah blah blah"
blah blah blah blah
luella@Letranger:~$ uys" -e "hello \t g
hello   guys
luella@Letranger:~$ echo -e "hey \n whats up dude"
hey
whats up dude
luella@Letranger:~$ echo -e "I play STALKER \n \t No way, me t
oo!"
I play STALKER
    No way, me too!
luella@Letranger:~$ echo -e "\t Yeah, I play as Duty. \n I'm a
Freedomer..."
    Yeah, I play as Duty.
I'm a Freedomer...
luella@Letranger:~$
```

Terminal 2 (Right):

```
2: luella@Letranger:~ ~
luella@Letranger:~$ man echo
luella@Letranger:~$
```

The screenshot shows two terminal windows side-by-side. The left window shows the output of the echo command, and the right window shows the man page for echo.

Terminal 1 (Left):

```
1: luella@Letranger:~ ~
luella@Letranger:~$ echo "string yadda yadda"
string yadda yadda
luella@Letranger:~$ echo -n "blah blah blah blah"
blah blah blah blah
luella@Letranger:~$ uys" -e "hello \t g
hello   guys
luella@Letranger:~$ echo -e "hey \n whats up dude"
hey
whats up dude
luella@Letranger:~$ echo -e "I play STALKER \n \t No way, me t
oo!"
I play STALKER
    No way, me too!
luella@Letranger:~$ echo -e "\t Yeah, I play as Duty. \n I'm a
Freedomer..."
    Yeah, I play as Duty.
I'm a Freedomer...
luella@Letranger:~$
```

Terminal 2 (Right):

```
2: luella@Letranger:~ ~
ECHO(1)      User Commands      ECHO(1)

NAME
echo - display a line of text

SYNOPSIS
echo      [OPTION]...
[STRING]...
echo  OPTION

DESCRIPTION
Echo the STRING(s) to standard
output.

-n      do not output the
trailing newline

-e      enable interpretation
of backslash escapes

-E      disable interpretation
of backslash escapes
(default)

--help  display this help and
page echo(1) line 1/110 24% (press h for help or q to quit)
```

Question 5, 1 through 3

The screenshot shows two terminal windows side-by-side. The left window shows the output of the free command, and the right window shows the man page for free.

Terminal 1 (Left):

```
1: luella@Letranger:~ ~
luella@Letranger:~$ free --human
              total        used        free      shared  buff/cache   available
Mem:       15Gi       6.2Gi      1.3Gi     904Mi      9.3Gi      9.4Gi
Swap:      4.0Gi      184Ki      4.0Gi
luella@Letranger:~$
```

Terminal 2 (Right):

```
2: luella@Letranger:~ ~
free [OPTION]

DESCRIPTION
free displays the total amount of free and used phys-
ical and swap memory in the system, as well as the
buffers and caches used by the kernel. The informa-
tion is gathered by parsing /proc/meminfo. The dis-
played columns are:

total  Total usable memory (MemTotal and SwapTotal in
/proc/meminfo). This includes the physical and
swap memory minus a few reserved bits and ker-
nel binary code.

used   Used or unavailable memory (calculated as to-
tal - available)

free   Unused memory (MemFree and SwapFree in
/proc/meminfo)

shared Memory used (mostly) by tmpfs (Shmem in
/proc/meminfo)

buffers Memory used by kernel buffers (Buffers in
/proc/meminfo)
```

Tilix: luella@Letranger:~

```
1:luella@Letranger:~ 
luella@Letranger:~$ uname --all
Linux Letranger 6.14.0-37-generic #37~24.04.1-Ubuntu SMP PREEMPT_DYNAMIC Thu Nov 20 10:25:38
UTC 2 x86_64 x86_64 x86_64 GNU/Linux
luella@Letranger:~$
```

2:luella@Letranger:~

```
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

Manual page uname(1) line 4 (press h for help or q to quit)

Tilix: luella@Letranger:~

```
1:luella@Letranger:~ 
luella@Letranger:~$ date --rfc-3339=date
2026-02-17
luella@Letranger:~$ date --rfc-3339=ns
2026-02-17 19:52:33.298064240-05:00
luella@Letranger:~$
```

2:luella@Letranger:~

```
-I[FMT], --iso-8601[=FMT]
output date/time in ISO 8601 format. FMT='date' for date only (the default), 'hours', 'minutes', 'seconds', or 'ns' for date and time to the indicated precision. Example: 2006-08-14T02:34:56-06:00

--resolution
output the available resolution of timestamps Example: 0.000000001

-R, --rfc-email
output date and time in RFC 5322 format. Example: Mon, 14 Aug 2006
02:34:56 -0600

--rfc-3339=FMT
output date/time in RFC 3339 format. FMT='date', 'seconds', or 'ns' for date and time to the indicated precision. Example: 2006-08-14
02:34:56-06:00

-r, --reference=FILE
display the last modification time of FILE

-s, --set=STRING
set time described by STRING

-u, --utc, --universal
print or set Coordinated Universal Time (UTC)
Manual page date(1) line 25 (press h for help or q to quit)
```