

# Week Report 3

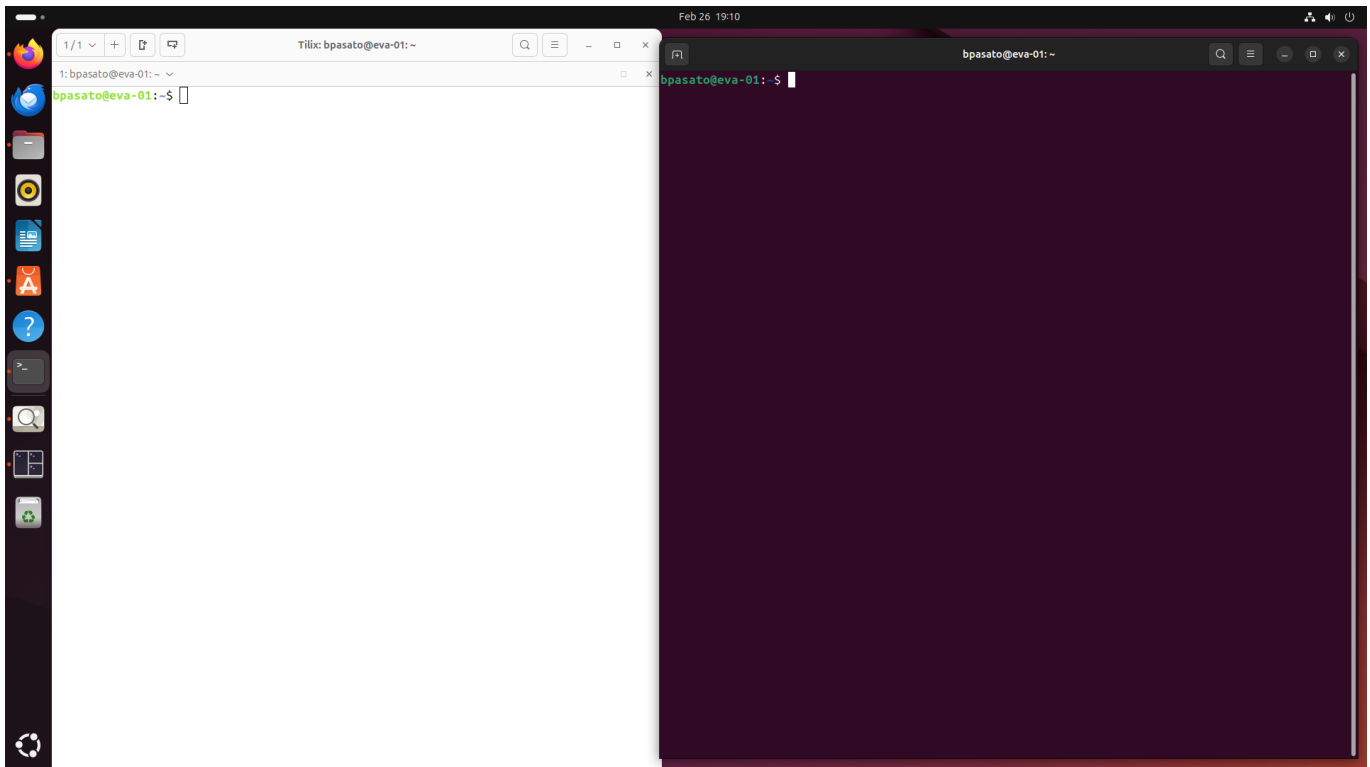
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## Completed Work Week 3

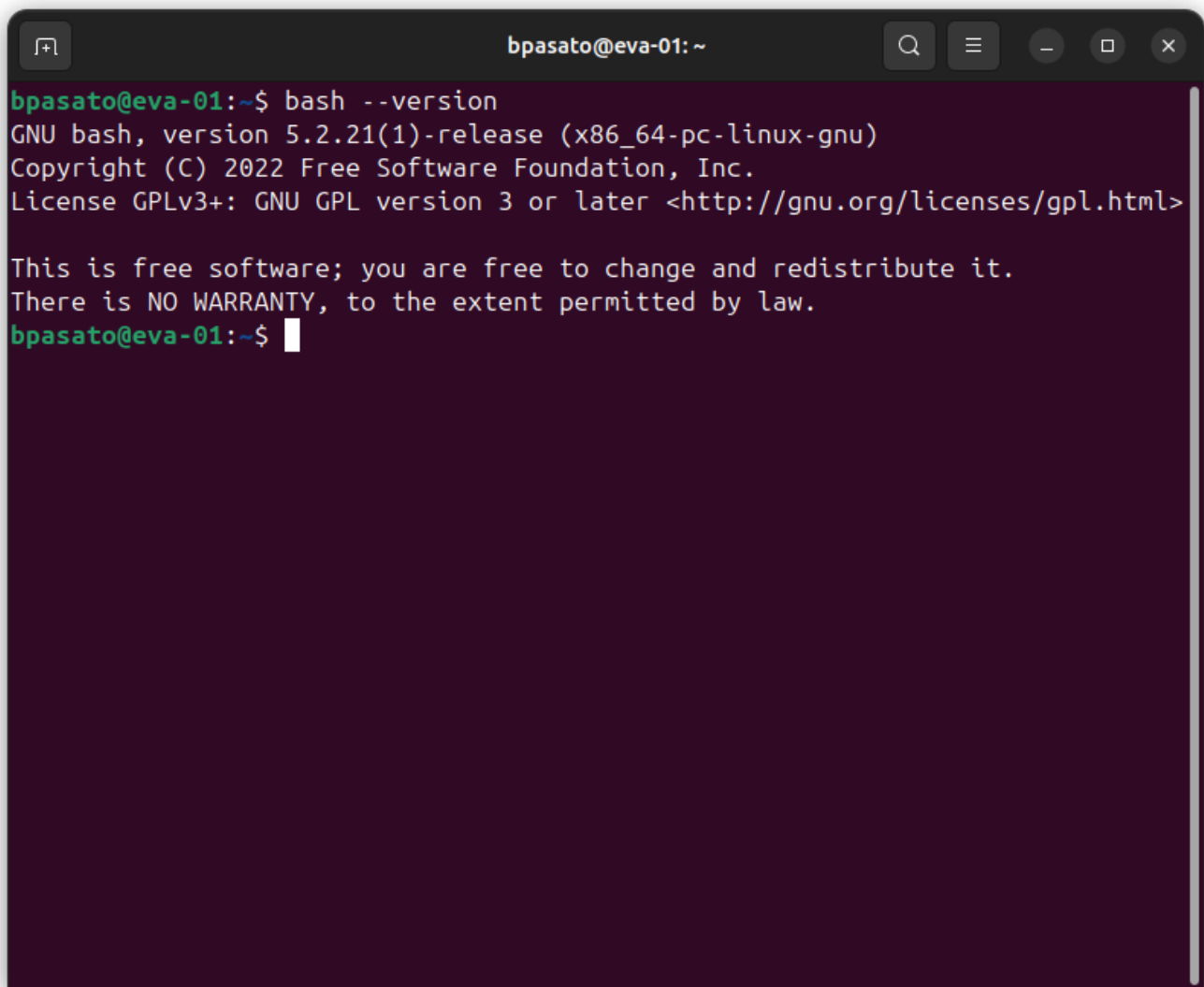
- [Lab3](#)
- [Notes3](#)
- [Managing Software Cheetsheet](#)
- [What is a shell](#)
- [Managing Software](#)

## Practice

### Practice 1



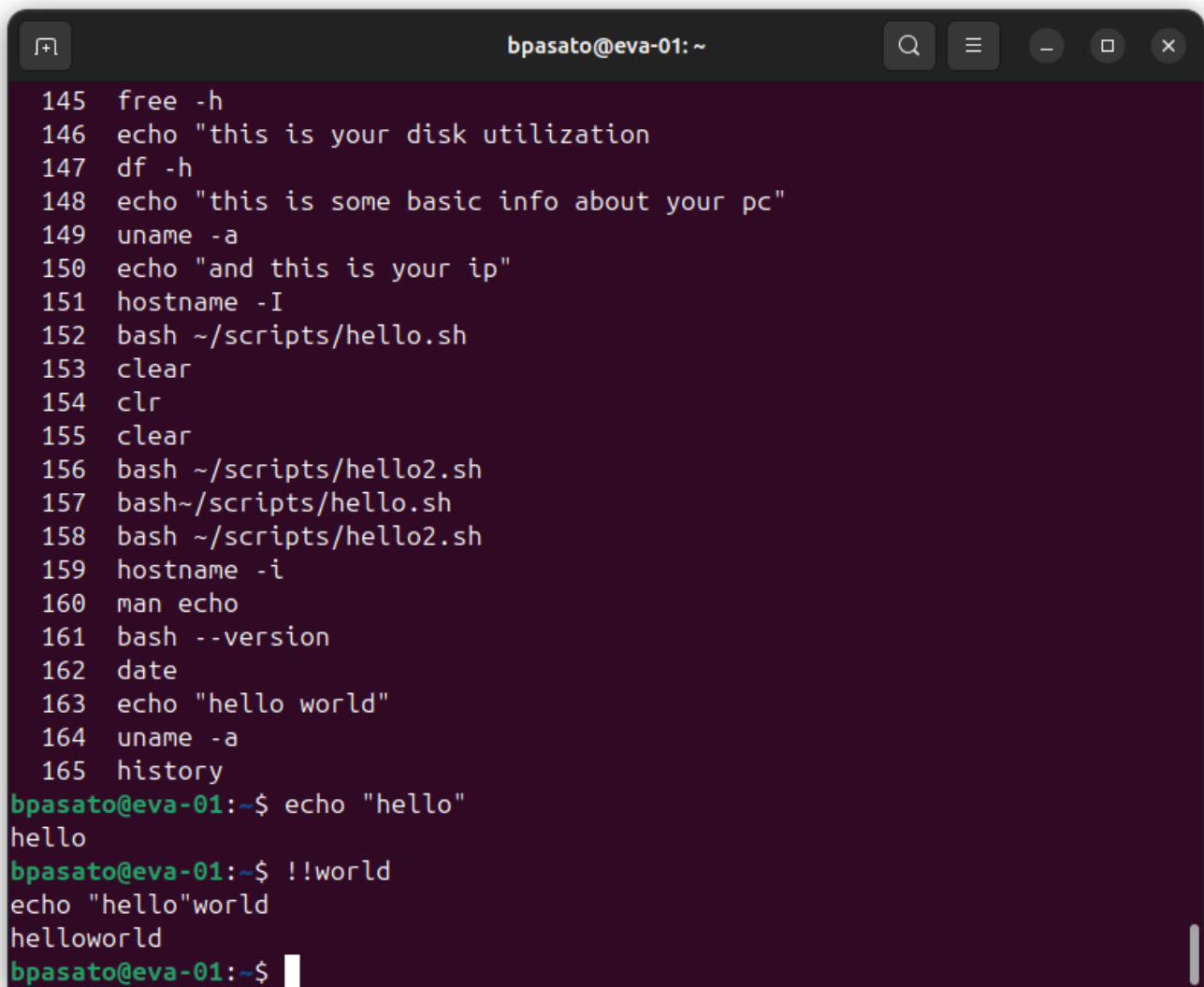
### Practice 2

A terminal window titled 'bpasato@eva-01: ~' with standard window controls. The terminal shows the command 'bash --version' and its output: 'GNU bash, version 5.2.21(1)-release (x86\_64-pc-linux-gnu)', 'Copyright (C) 2022 Free Software Foundation, Inc.', 'License GPLv3+: GNU GPL version 3 or later <http://gnu.org/licenses/gpl.html>', and a disclaimer: 'This is free software; you are free to change and redistribute it. There is NO WARRANTY, to the extent permitted by law.' The prompt returns to 'bpasato@eva-01:~\$' with a cursor.

```
bpasato@eva-01:~$ bash --version
GNU bash, version 5.2.21(1)-release (x86_64-pc-linux-gnu)
Copyright (C) 2022 Free Software Foundation, Inc.
License GPLv3+: GNU GPL version 3 or later <http://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.
bpasato@eva-01:~$
```

### Practice 3



```
bpasato@eva-01: ~
145 free -h
146 echo "this is your disk utilization"
147 df -h
148 echo "this is some basic info about your pc"
149 uname -a
150 echo "and this is your ip"
151 hostname -I
152 bash ~/scripts/hello.sh
153 clear
154 clr
155 clear
156 bash ~/scripts/hello2.sh
157 bash~/scripts/hello.sh
158 bash ~/scripts/hello2.sh
159 hostname -i
160 man echo
161 bash --version
162 date
163 echo "hello world"
164 uname -a
165 history
bpasato@eva-01:~$ echo "hello"
hello
bpasato@eva-01:~$ !!world
echo "hello"world
helloworld
bpasato@eva-01:~$
```

## Practice 4

```

bpasato@eva-01: ~
bash ~/scripts/hello.sh
bash: /home/bpasato/scripts/hello.sh: No such file or directory
bpasato@eva-01: ~$ bash ~/Scripts/hello.sh
bash: /home/bpasato/Scripts/hello.sh: No such file or directory
bpasato@eva-01: ~$ bash ~/Scripts/hello.sh
hello world
I am learning linux
this is my first script
bpasato@eva-01: ~$
```

Practice 5

1/1 + [ ] [ ]

Tilix: bpasato@eva-01: ~

[ ] [ ] [ ] [ ]

1: bpasato@eva-01: ~

sion

-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

AUTHOR

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REPORTING BUGS

GNU coreutils online help:  
<<https://www.gnu.org/software/coreutils/>>  
Report any translation bugs to  
ne 34/91 71% (press h for help or q to quit)

2: bpasato@eva-01: ~

given FORMAT. With -s, or with [MMDDhhmm[[CC]YY][.ss]], set the date and time.

Mandatory arguments to long options are mandatory for short options too.

-d, --date=STRING

display time described by STRING, not 'now'

--debug

annotate the parsed date, and warn about questionable usage to stderr

-f, --file=DATEFILE

like --date; once for each line of DATEFILE

-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

e(1) line 14 (press h for help or q to quit)

bpasato@eva-01: ~

bpasato@eva-01: ~\$ uname -s  
Linux

bpasato@eva-01: ~\$ uname -n  
eva-01

bpasato@eva-01: ~\$ uname -i  
x86\_64

bpasato@eva-01: ~\$ uname -o  
GNU/Linux

bpasato@eva-01: ~\$ date  
Wed Feb 26 07:25:54 PM EST 2025

bpasato@eva-01: ~\$ man date

bpasato@eva-01: ~\$ man df

bpasato@eva-01: ~\$ man free

bpasato@eva-01: ~\$ man clear

bpasato@eva-01: ~\$ man history

bpasato@eva-01: ~\$ free --giga

	total	used	free	shared	buff/cache	availabl
Mem:	8	4	0	0	4	
Swap:	4	0	4			

bpasato@eva-01: ~\$

Practice 6

```
1/1 v + [T] [Q] [M] [X]
Tilix: bpasato@eva-01: ~
1: bpasato@eva-01: ~
-H, --html[=BROWSER]      use www-browser or BROWSER to display HTML output
-X, --gxditview[=RESOLUTION] use groff and display through gxditview
                             (X11):
                             -X = -TX75, -X100 = -TX100, -X100-12 = -TX100-12
-Z, --ditroff              use groff and force it to produce ditroff

-?, --help                 give this help list
--usage                    give a short usage message
-V, --version              print program version

mandatory or optional arguments to long options are also mandatory or optional
or any corresponding short options.

leport bugs to cjwatson@debian.org.
bpasato@eva-01:~$

2: bpasato@eva-01: ~
) 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'
bpasato@eva-01:~$
```

```
bpasato@eva-01:~$ whatis ls
Command 'whatis' not found, did you mean:
  command 'whatsie' from snap whatsie (v4.16.3.20eef26)
  command 'whatis' from deb man-db (2.12.0-1)
See 'snap info <snapname>' for additional versions.
bpasato@eva-01:~$ whatis apt
apt (8) - command-line interface
bpasato@eva-01:~$ whatis pwd
whatispwd: command not found
bpasato@eva-01:~$ whatis pwd
pwd (1) - print name of current/working directory
bpasato@eva-01:~$ whatis sudo
sudo (8) - execute a command as another user
bpasato@eva-01:~$
```