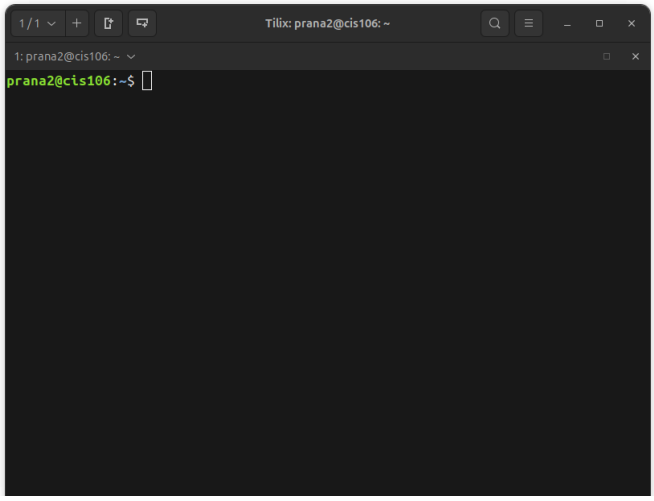
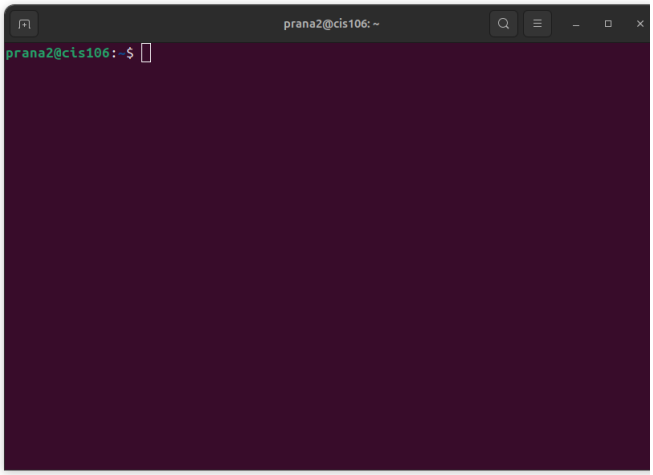
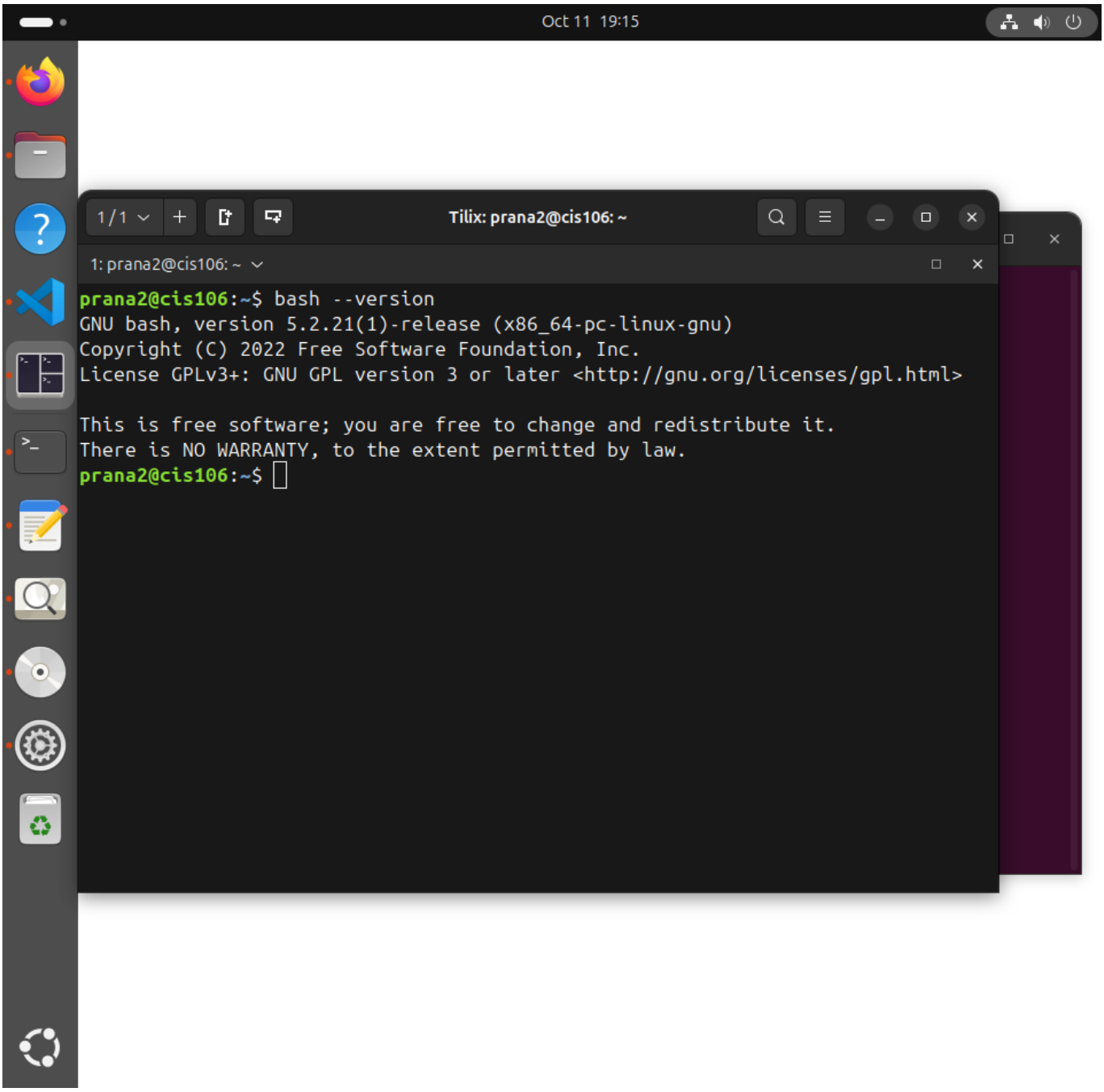
WEEK REPORT 3

PRACTICE 1

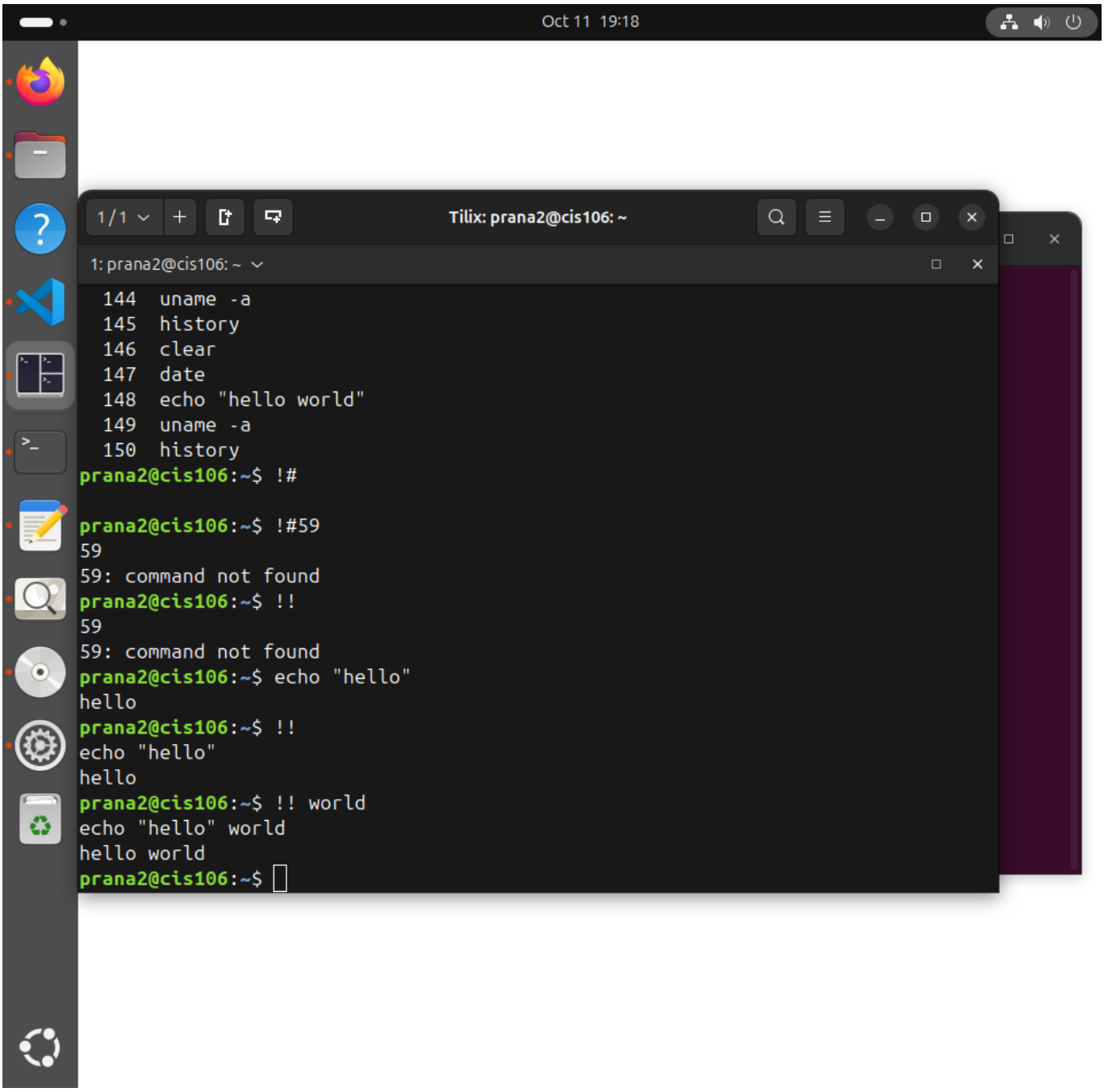




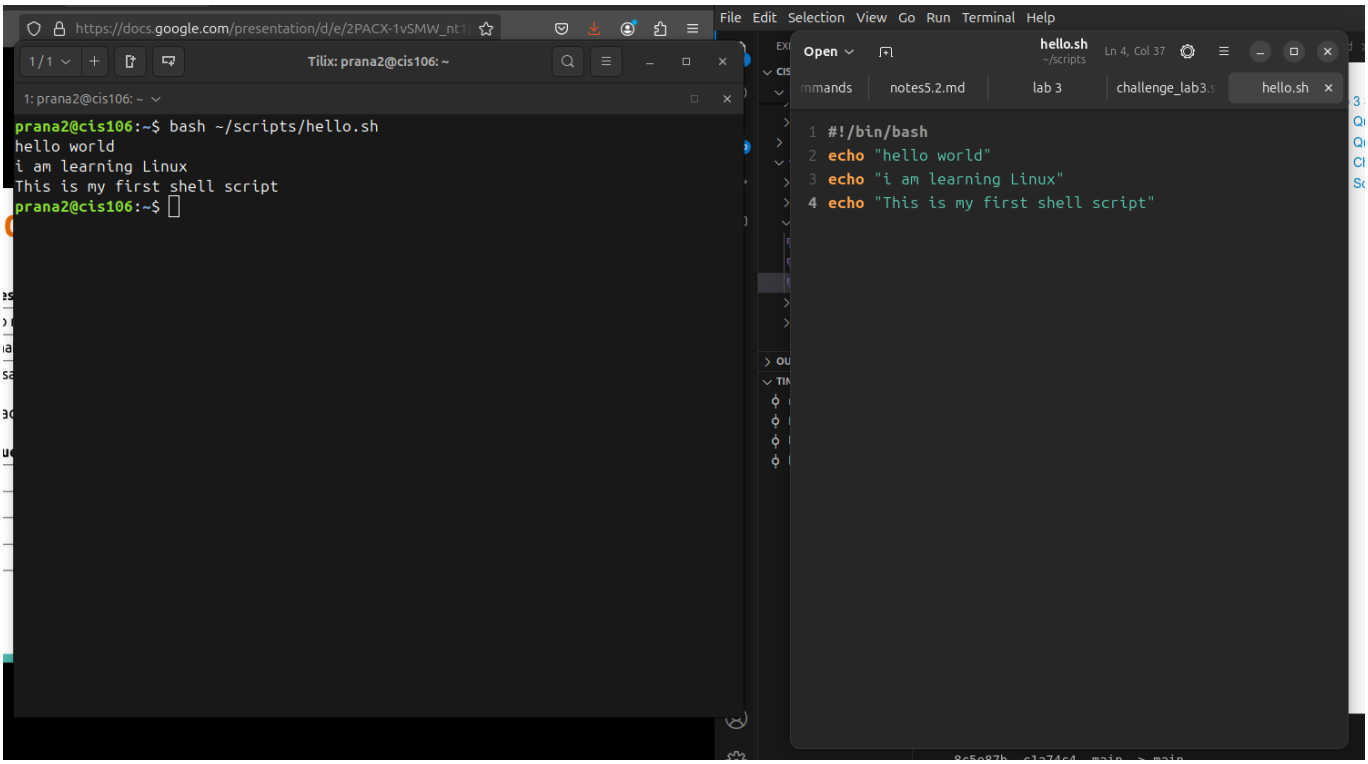
PRACTICE 2


Oct 11 19:15
1/1
Tilix: prana2@cis106: ~
1: prana2@cis106: ~
prana2@cis106:~$ 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.
prana2@cis106:~$

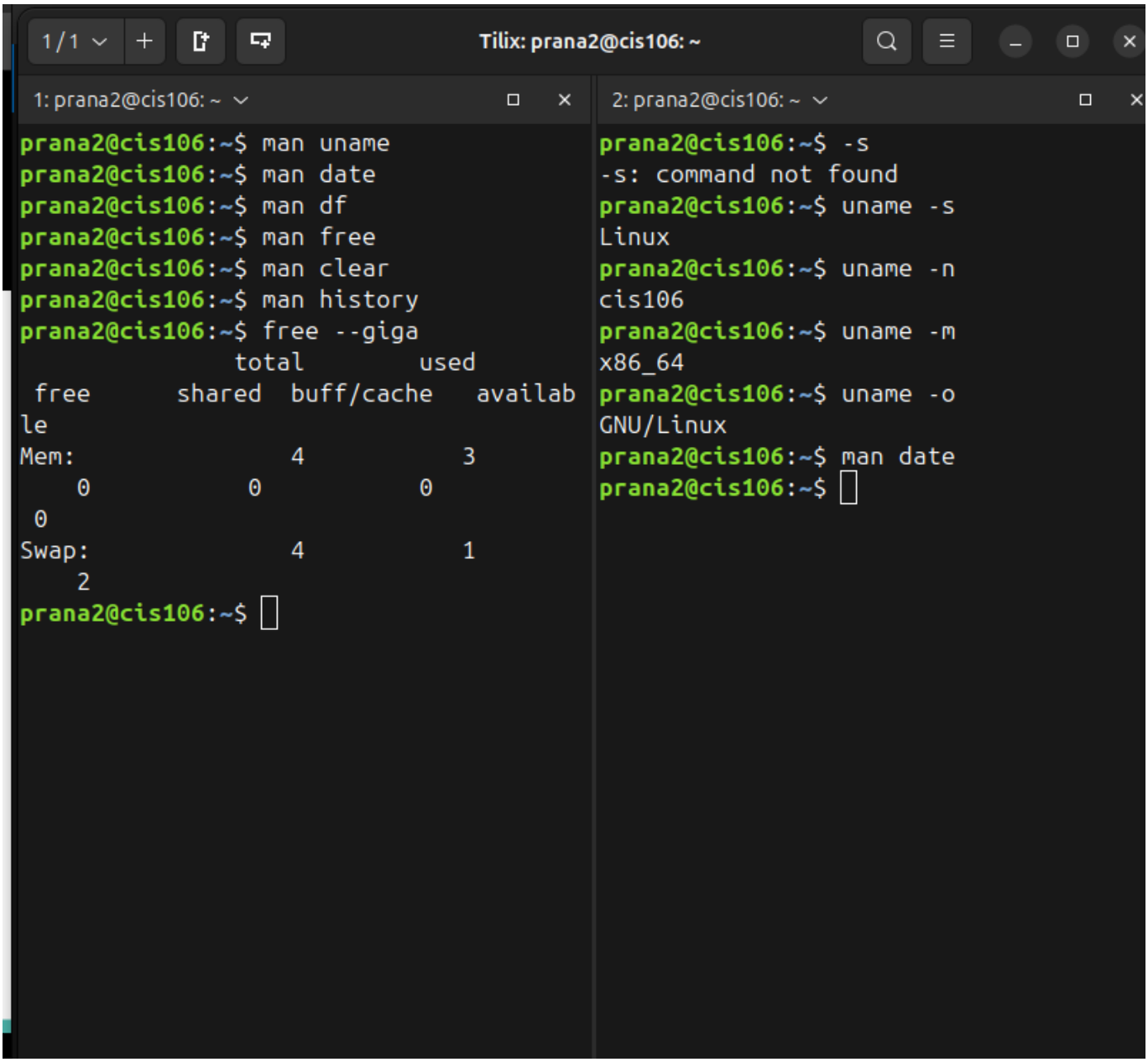
PRACTICE 3


Oct 11 19:18
1/1
Tilix: prana2@cis106: ~
1: prana2@cis106: ~
144 uname -a
145 history
146 clear
147 date
148 echo "hello world"
149 uname -a
150 history
prana2@cis106:~$!#
prana2@cis106:~$!#59
59
59: command not found
prana2@cis106:~$!!
59
59: command not found
prana2@cis106:~$ echo "hello"
hello
prana2@cis106:~$!!
echo "hello"
hello
prana2@cis106:~$!! world
echo "hello" world
hello world
prana2@cis106:~$

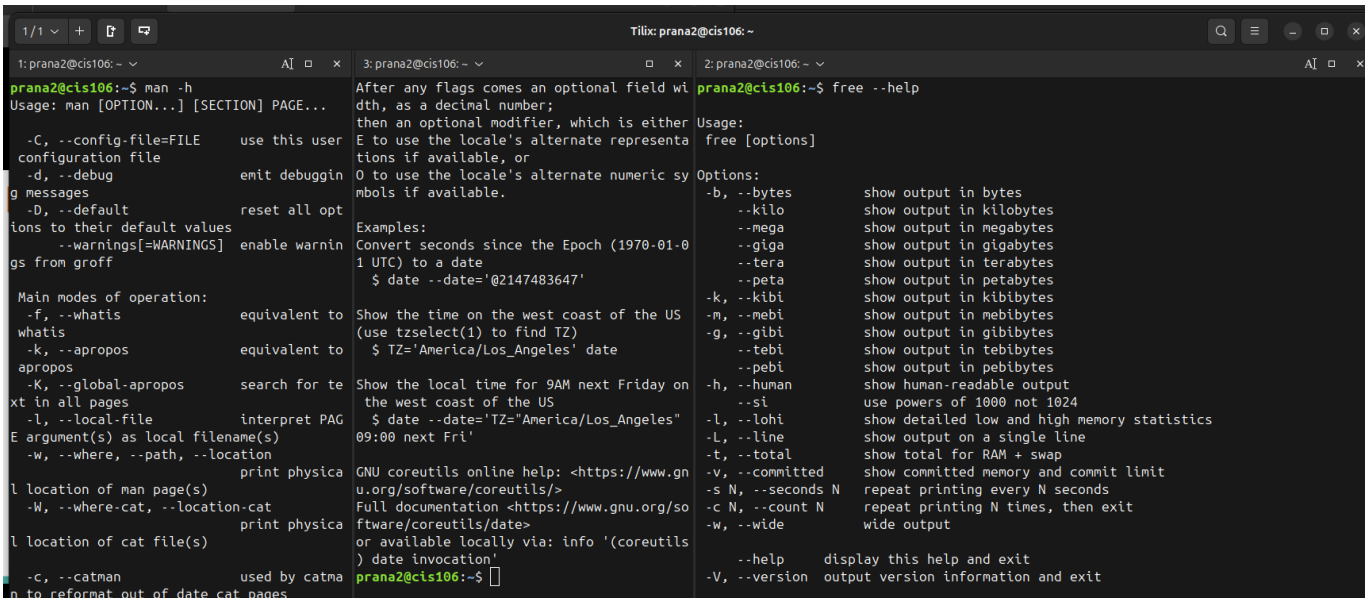
PRACTICE 4

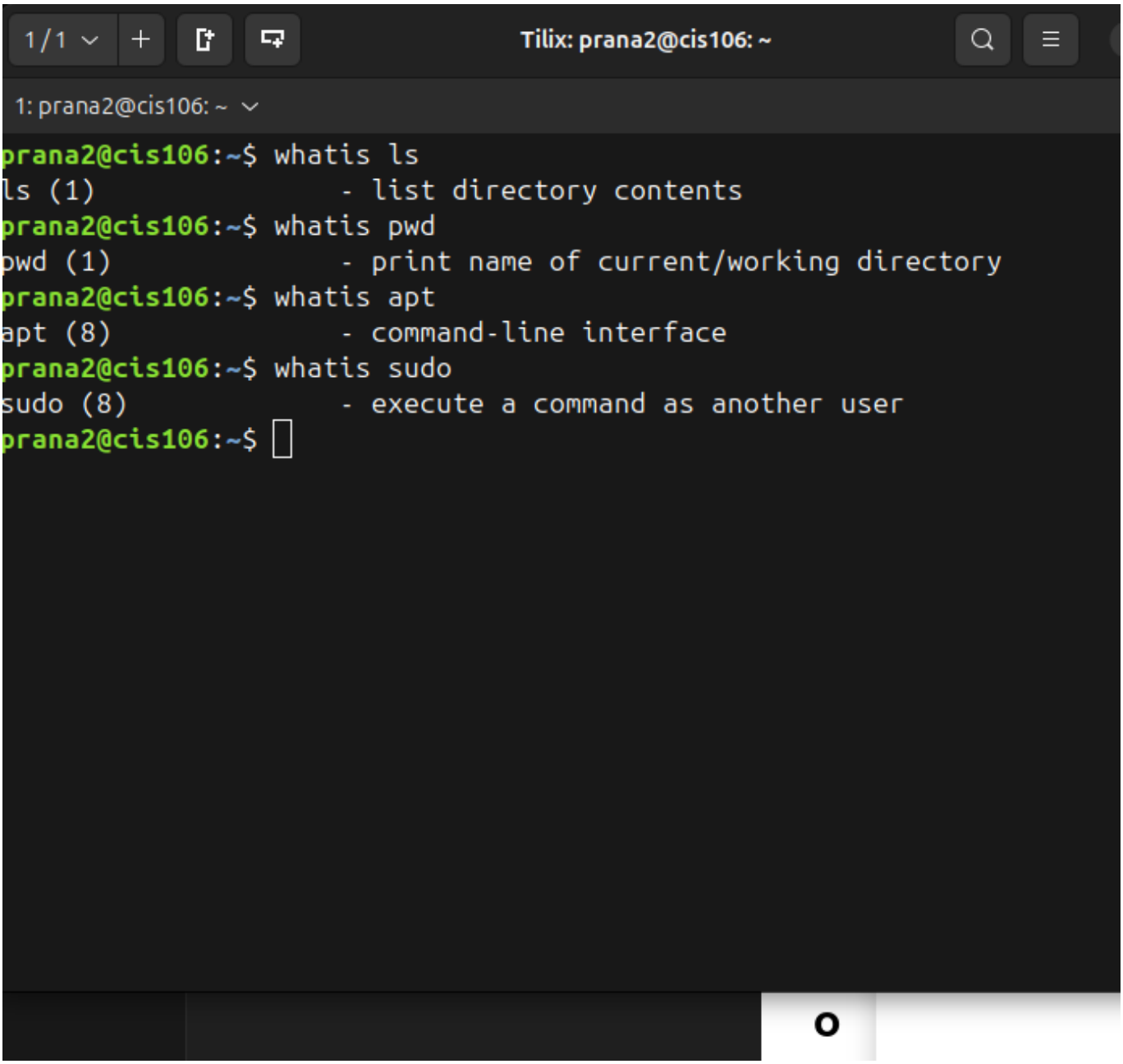

https://docs.google.com/presentation/d/e/2PACX-1vSMW_nt1
Tilix: prana2@cis106: ~
1: prana2@cis106: ~
prana2@cis106:~$ bash ~/scripts/hello.sh
hello world
i am learning Linux
This is my first shell script
prana2@cis106:~$
File Edit Selection View Go Run Terminal Help
Open
hello.sh
~/scripts
Ln 4, Col 37
notes5.2.md
lab 3
challenge_lab3.s
hello.sh
1 #!/bin/bash
2 echo "hello world"
3 echo "i am learning Linux"
4 echo "This is my first shell script"

PRACTICE 5

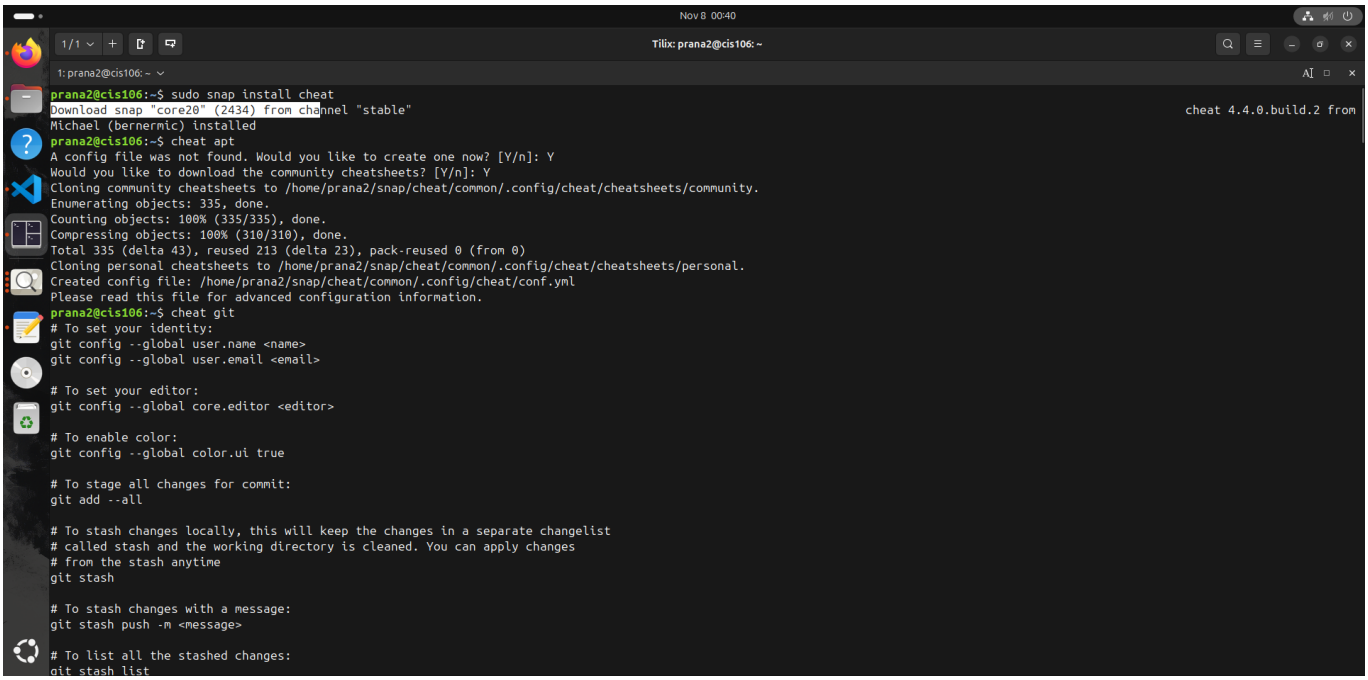

1 / 1
Tilix: prana2@cis106: ~
1: prana2@cis106: ~
2: prana2@cis106: ~
prana2@cis106:~$ man uname
prana2@cis106:~$ man date
prana2@cis106:~$ man df
prana2@cis106:~$ man free
prana2@cis106:~$ man clear
prana2@cis106:~$ man history
prana2@cis106:~$ free --giga
total used
free shared buff/cache availab
le
Mem: 4 3
0 0 0
0
Swap: 4 1
2
prana2@cis106:~$
prana2@cis106:~$ -s
-s: command not found
prana2@cis106:~$ uname -s
Linux
prana2@cis106:~$ uname -n
cis106
prana2@cis106:~$ uname -m
x86_64
prana2@cis106:~$ uname -o
GNU/Linux
prana2@cis106:~$ man date
prana2@cis106:~$

PRACTICE 6


Tilix: prana2@cis106: ~
1: prana2@cis106: ~
3: prana2@cis106: ~
2: prana2@cis106: ~
prana2@cis106:~$ man -h
Usage: man [OPTION...] [SECTION] PAGE...
-C, --config-file=FILE use this user configuration file
-d, --debug emit debugging messages
-D, --default reset all options to their default values
--warnings[=WARNINGS] enable warnings from groff
Main modes of operation:
-f, --whatis equivalent to whatis
-k, --apropos equivalent to apropos
-K, --global-apropos search for text in all pages
-l, --local-file interpret PAGE argument(s) as local filename(s)
-w, --where, --path, --location print physical location of man page(s)
-W, --where-cat, --location-cat print physical location of cat file(s)
-c, --catman used by catman to reformat out of date cat pages
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'
prana2@cis106:~$
prana2@cis106:~$ free --help
Usage:
free [options]
Options:
-b, --bytes show output in bytes
--kilo show output in kilobytes
--mega show output in megabytes
--giga show output in gigabytes
--tera show output in terabytes
--peta show output in petabytes
-k, --kibi show output in kibibytes
-m, --mebi show output in mebibytes
-g, --gibi show output in gibibytes
--tebi show output in tebibytes
--pebi show output in pebibytes
-h, --human show human-readable output
--si use powers of 1000 not 1024
-l, --lohi show detailed low and high memory statistics
-L, --line show output on a single line
-t, --total show total for RAM + swap
-v, --committed show committed memory and commit limit
-s N, --seconds N repeat printing every N seconds
-c N, --count N repeat printing N times, then exit
-w, --wide wide output
--help display this help and exit
-V, --version output version information and exit


1 / 1
Tilix: prana2@cis106: ~
1: prana2@cis106: ~
prana2@cis106:~$ whatis ls
ls (1) - list directory contents
prana2@cis106:~$ whatis pwd
pwd (1) - print name of current/working directory
prana2@cis106:~$ whatis apt
apt (8) - command-line interface
prana2@cis106:~$ whatis sudo
sudo (8) - execute a command as another user
prana2@cis106:~$

PRACTICE 7


Nov 8 00:40
1/1
Tilix: prana2@cis106: ~
1: prana2@cis106: ~
prana2@cis106:~$ sudo snap install cheat
Download snap "core20" (2434) from channel "stable"
cheat 4.4.0.build.2 from
Michael (bernermic) installed
prana2@cis106:~$ cheat apt
A config file was not found. Would you like to create one now? [Y/n]: Y
Would you like to download the community cheatsheets? [Y/n]: Y
Cloning community cheatsheets to /home/prana2/snap/cheat/common/.config/cheat/cheatsheets/community.
Enumerating objects: 335, done.
Counting objects: 100% (335/335), done.
Compressing objects: 100% (310/310), done.
Total 335 (delta 43), reused 213 (delta 23), pack-reused 0 (from 0)
Cloning personal cheatsheets to /home/prana2/snap/cheat/common/.config/cheat/cheatsheets/personal.
Created config file: /home/prana2/snap/cheat/common/.config/cheat/conf.yml
Please read this file for advanced configuration information.
prana2@cis106:~$ cheat git
To set your identity:
git config --global user.name <name>
git config --global user.email <email>
To set your editor:
git config --global core.editor <editor>
To enable color:
git config --global color.ui true
To stage all changes for commit:
git add --all
To stash changes locally, this will keep the changes in a separate changelist
called stash and the working directory is cleaned. You can apply changes
from the stash anytime
git stash
To stash changes with a message:
git stash push -m <message>
To list all the stashed changes:
git stash list