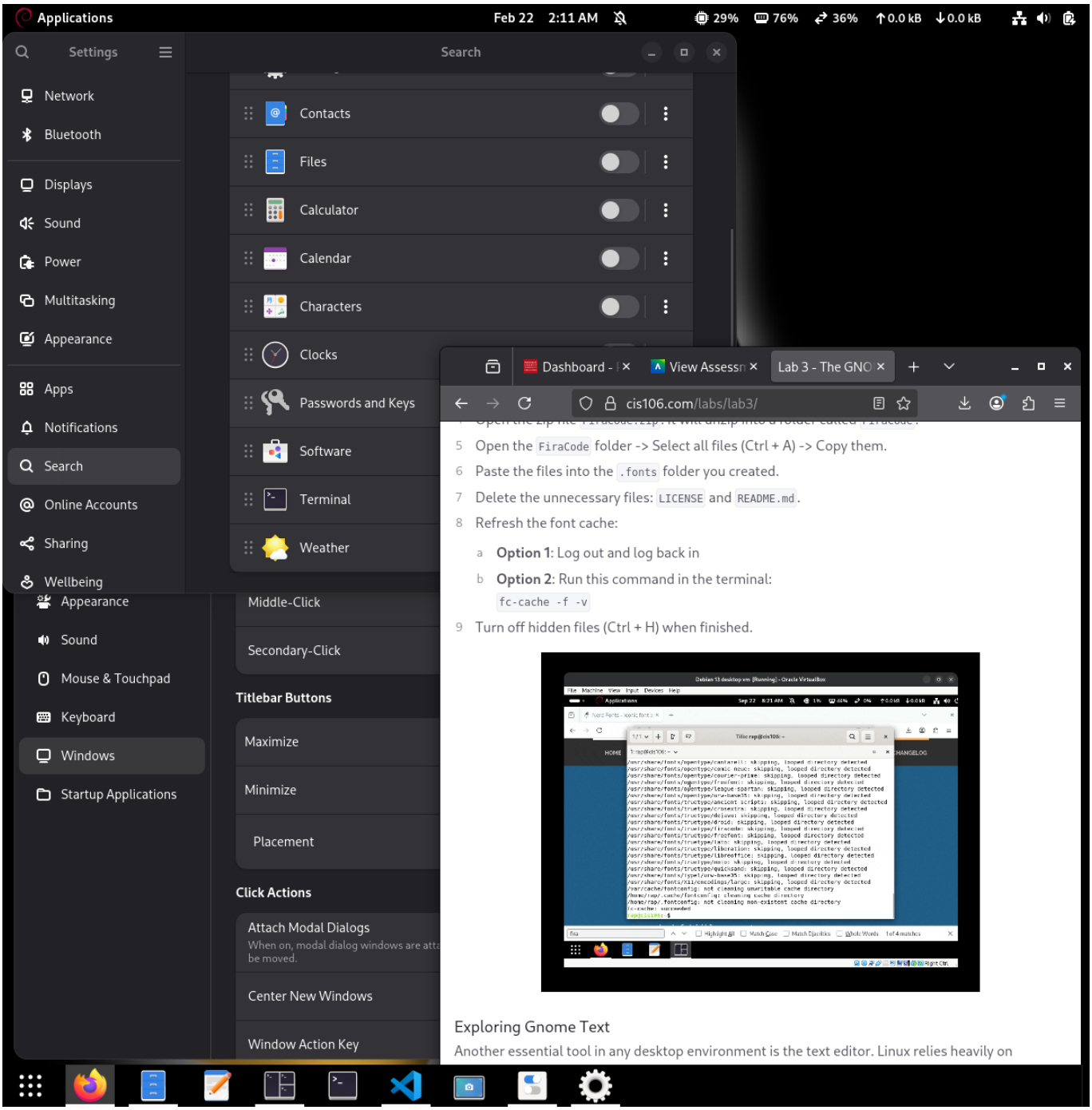
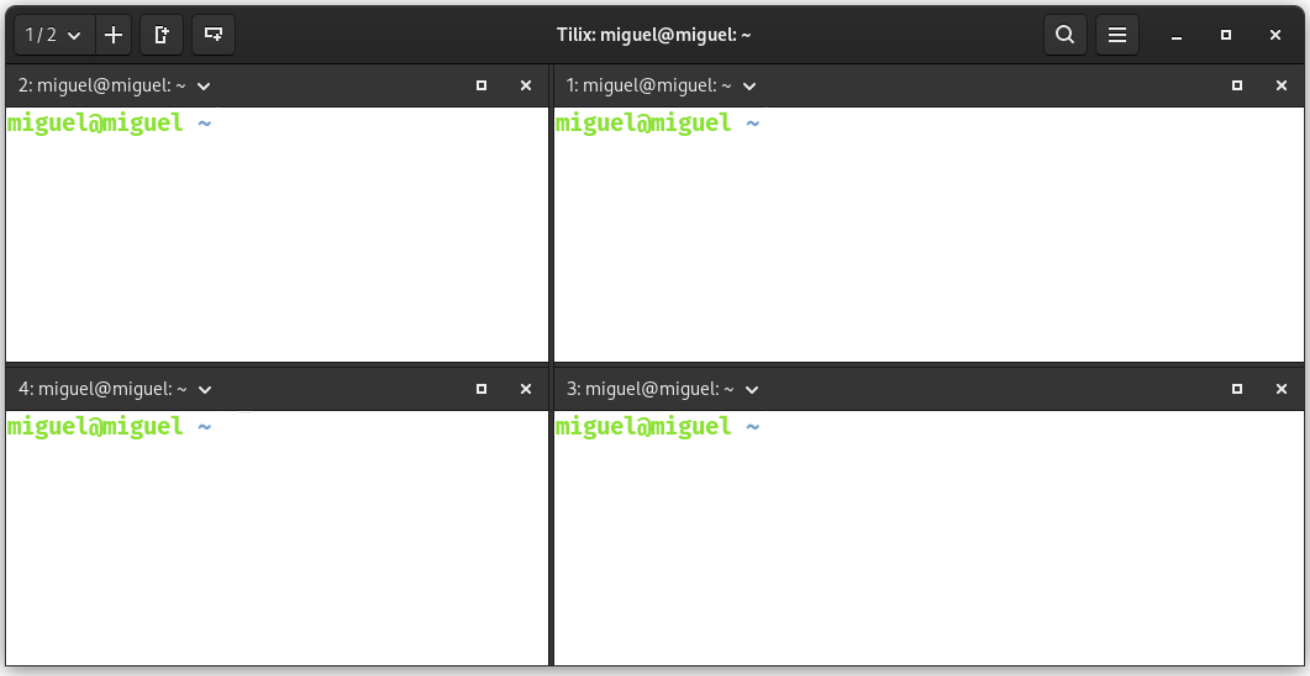
Lab 3 Submission

Question 1

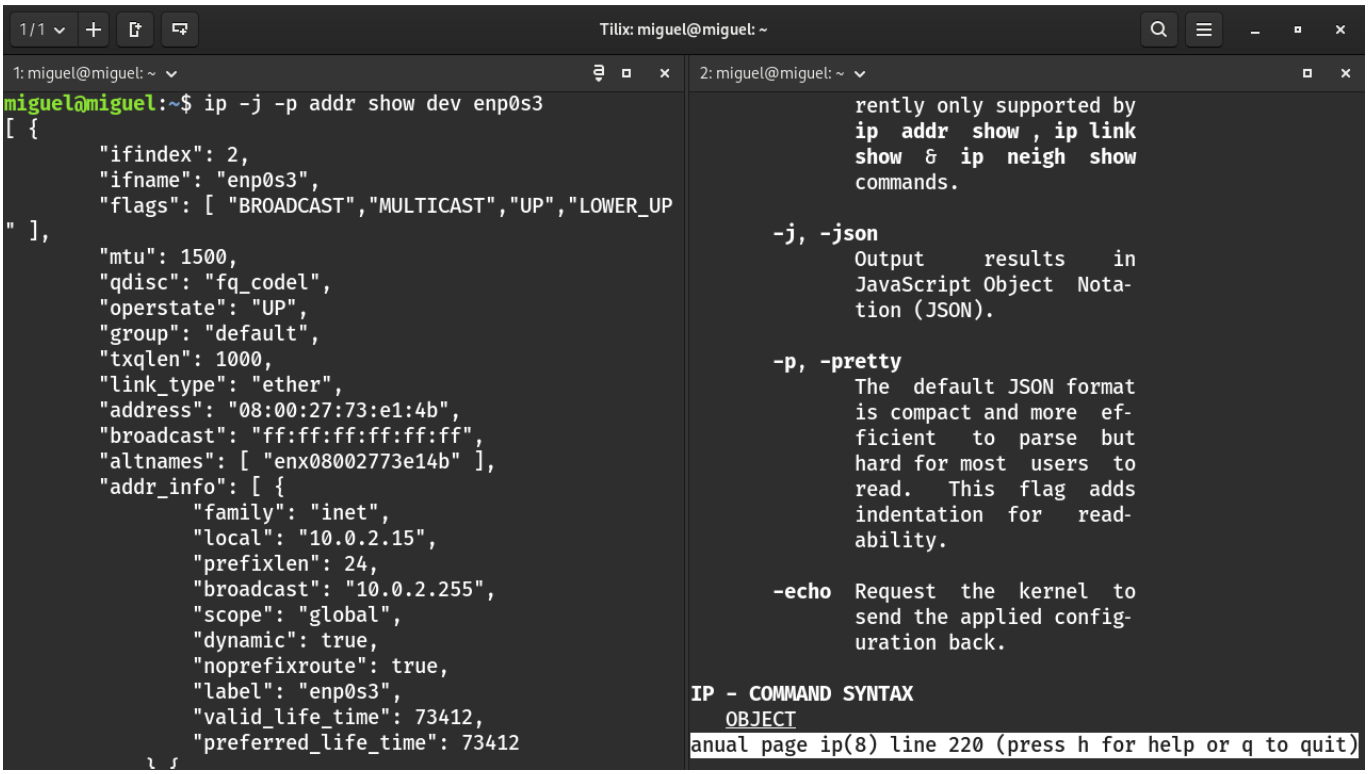


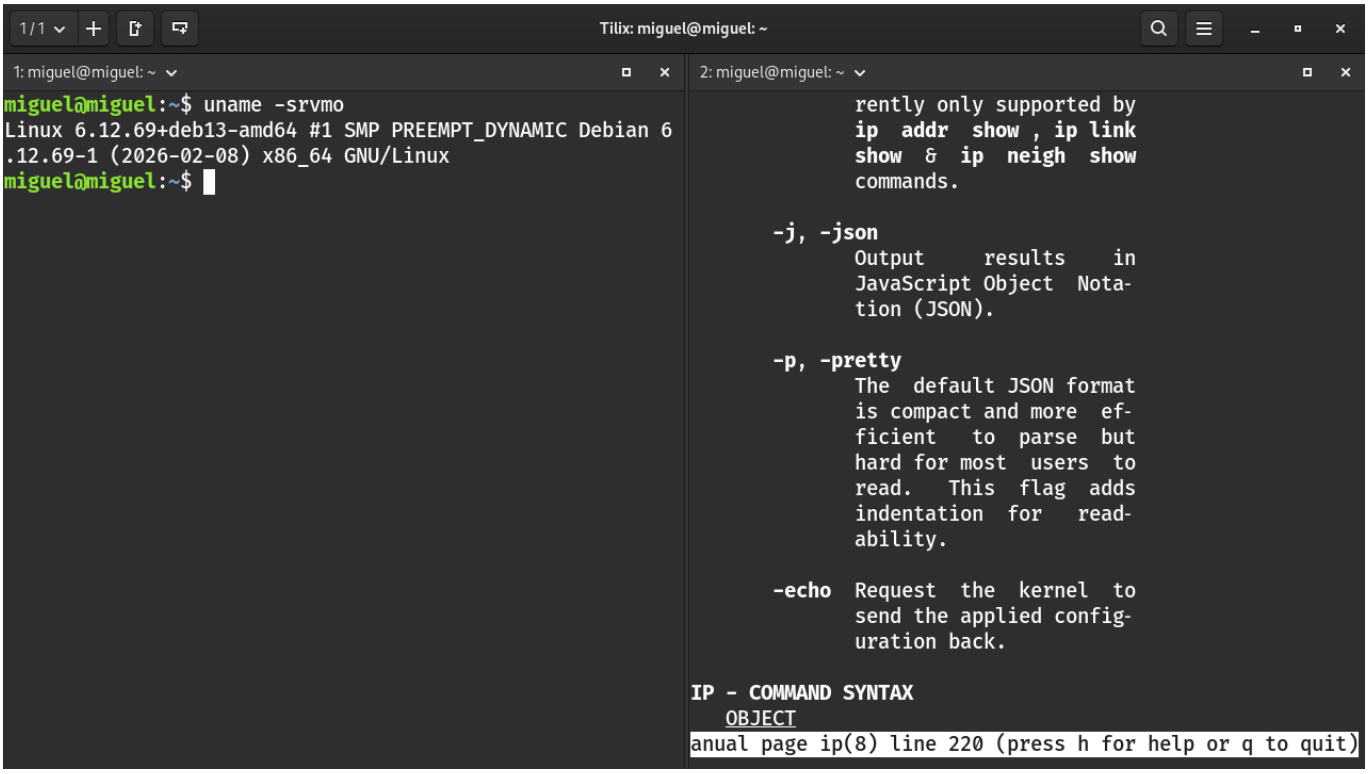
Question 2



Question 3

Challenge


1/1
Tilix: miguel@miguel: ~
1: miguel@miguel: ~
2: miguel@miguel: ~
miguel@miguel:~$ ip -j -p addr show dev enp0s3
[{
"ifindex": 2,
"ifname": "enp0s3",
"flags": ["BROADCAST","MULTICAST","UP","LOWER_UP
"],
"mtu": 1500,
"qdisc": "fq_codel",
"operstate": "UP",
"group": "default",
"txqlen": 1000,
"link_type": "ether",
"address": "08:00:27:73:e1:4b",
"broadcast": "ff:ff:ff:ff:ff:ff",
"altnames": ["enx08002773e14b"],
"addr_info": [{
"family": "inet",
"local": "10.0.2.15",
"prefixlen": 24,
"broadcast": "10.0.2.255",
"scope": "global",
"dynamic": true,
"noprefixroute": true,
"label": "enp0s3",
"valid_life_time": 73412,
"preferred_life_time": 73412
rently only supported by ip addr show , ip link show & ip neigh show commands.
-j, -json
Output results in JavaScript Object Notation (JSON).
-p, -pretty
The default JSON format is compact and more efficient to parse but hard for most users to read. This flag adds indentation for readability.
-echo Request the kernel to send the applied configuration back.
IP - COMMAND SYNTAX
OBJECT
anual page ip(8) line 220 (press h for help or q to quit)


1/1
Tilix: miguel@miguel: ~
1: miguel@miguel: ~
2: miguel@miguel: ~
miguel@miguel:~$ uname -srvmo
Linux 6.12.69+deb13-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6
.12.69-1 (2026-02-08) x86_64 GNU/Linux
miguel@miguel:~$
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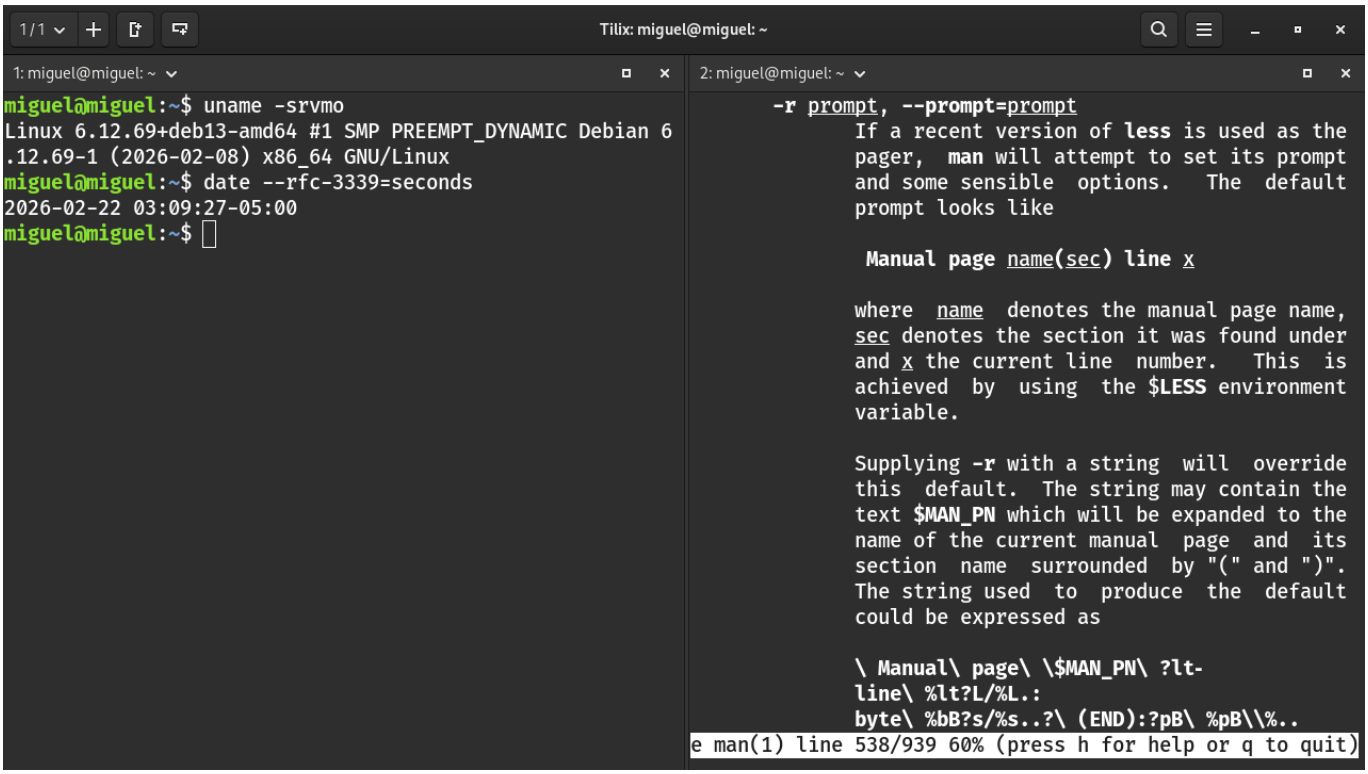
1 / 1
Tilix: miguel@miguel: ~
1: miguel@miguel: ~
2: miguel@miguel: ~
miguel@miguel:~$ uname -srvmo
Linux 6.12.69+deb13-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6
.12.69-1 (2026-02-08) x86_64 GNU/Linux
miguel@miguel:~$ date --rfc-3339=seconds
2026-02-22 03:09:27-05:00
miguel@miguel:~$
-r prompt, --prompt=prompt
If a recent version of less is used as the pager, man will attempt to set its prompt and some sensible options. The default prompt looks like
Manual page name(sec) line x
where name denotes the manual page name, sec denotes the section it was found under and x the current line number. This is achieved by using the $LESS environment variable.
Supplying -r with a string will override this default. The string may contain the text $MAN_PN which will be expanded to the name of the current manual page and its section name surrounded by "(" and ")". The string used to produce the default could be expressed as
\ Manual\ page\ \$MAN_PN\ ?lt-
line\ %lt?L/%L.:
byte\ %bB?s/%s..?\ (END):?pB\ %pB\\%..
e man(1) line 538/939 60% (press h for help or q to quit)