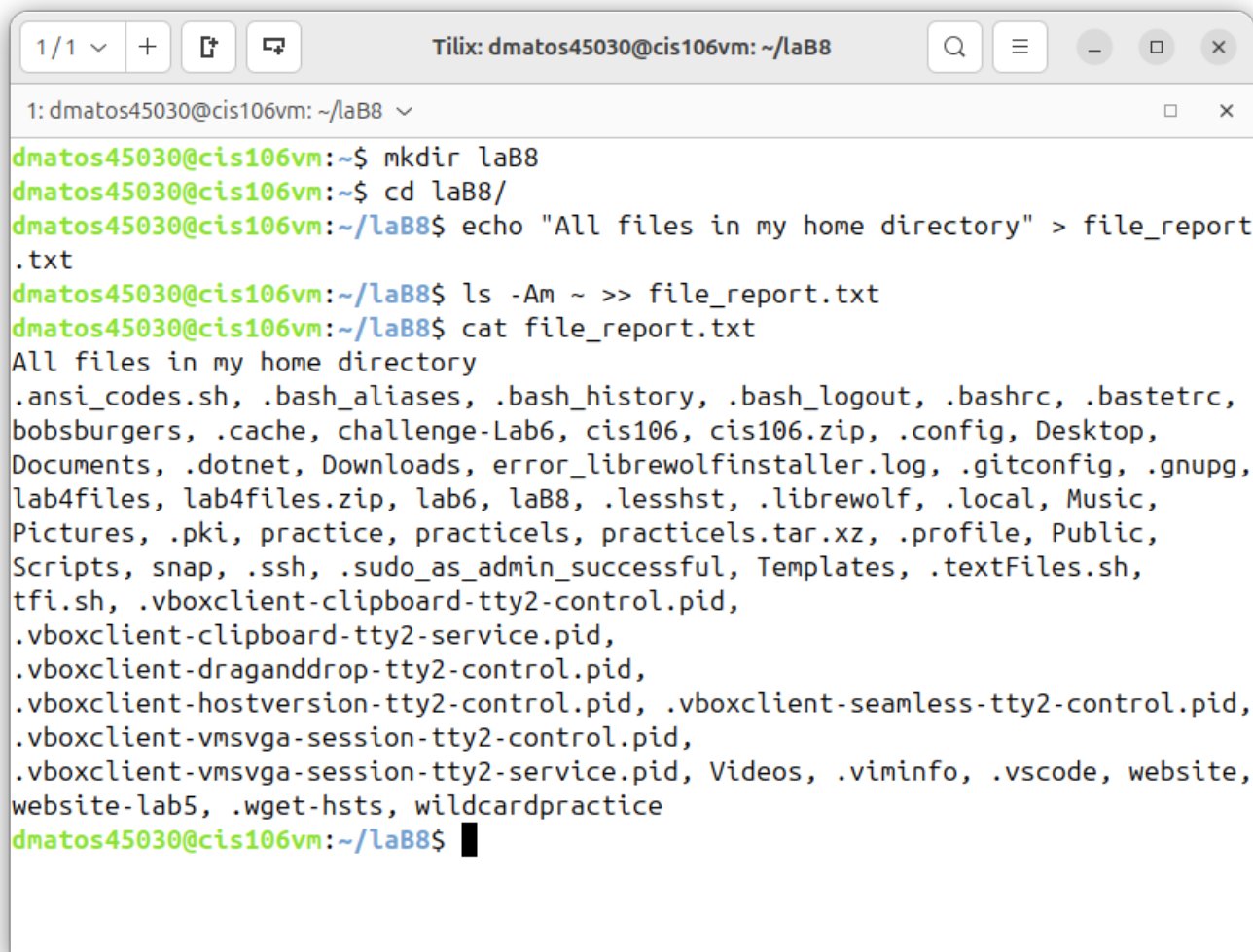


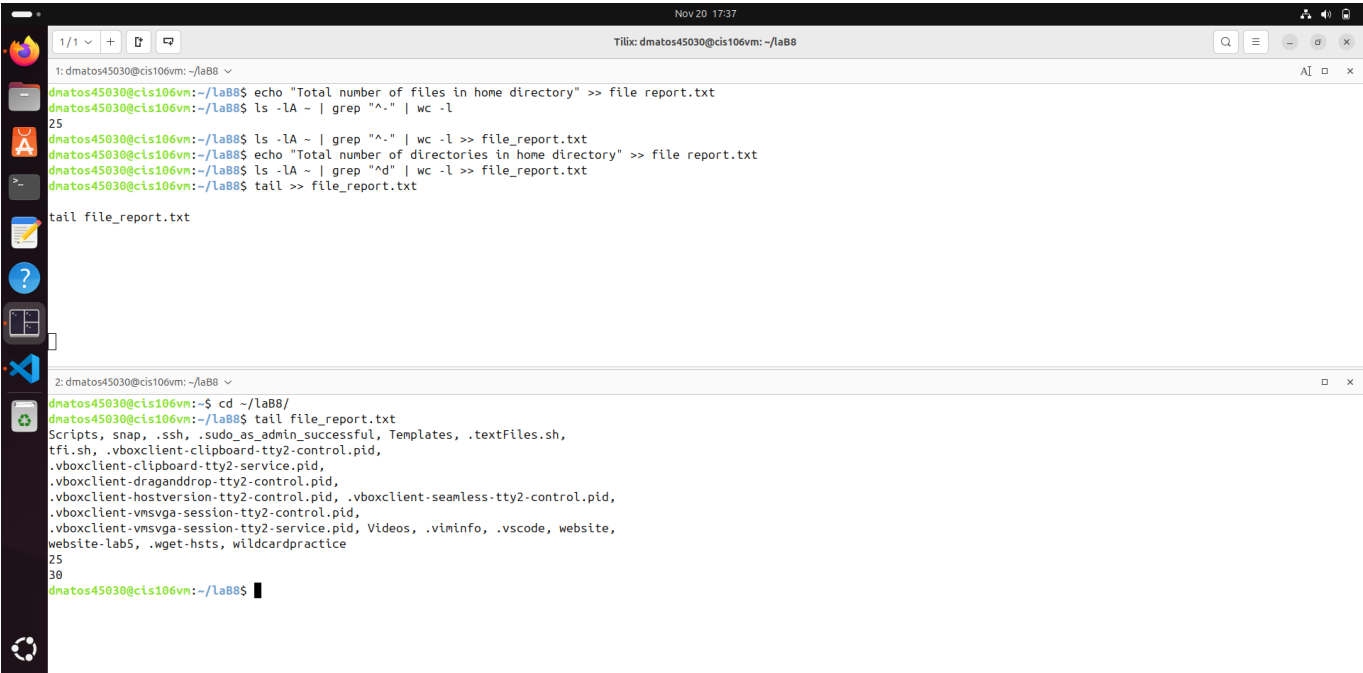
Lab 8

Question 1

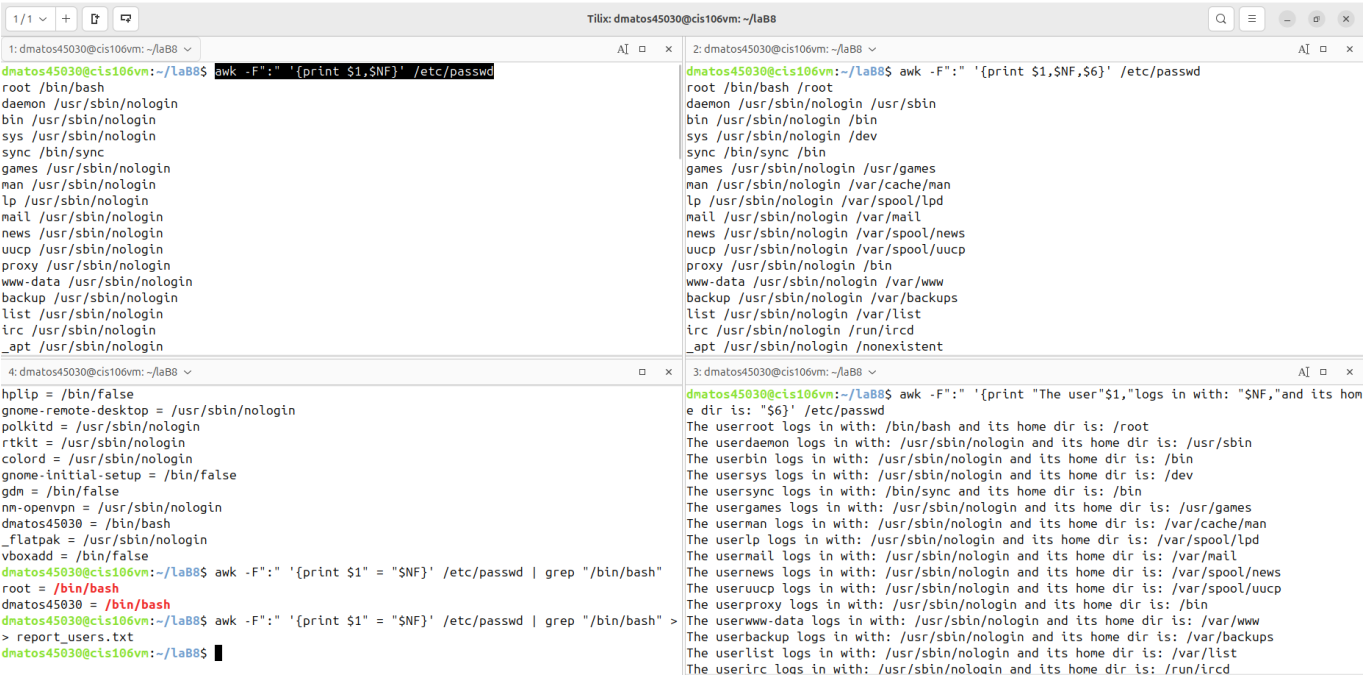


```
1/1 + [ ] [ ] Tilix: dmatos45030@cis106vm: ~/laB8 [ ] [ ] [ ] [ ]
1: dmatos45030@cis106vm: ~/laB8 [ ] [ ]
dmatos45030@cis106vm:~$ mkdir laB8
dmatos45030@cis106vm:~$ cd laB8/
dmatos45030@cis106vm:~/laB8$ echo "All files in my home directory" > file_report
.txt
dmatos45030@cis106vm:~/laB8$ ls -Am ~ >> file_report.txt
dmatos45030@cis106vm:~/laB8$ cat file_report.txt
All files in my home directory
.ansi_codes.sh, .bash_aliases, .bash_history, .bash_logout, .bashrc, .bastetrc,
bobsburgers, .cache, challenge-Lab6, cis106, cis106.zip, .config, Desktop,
Documents, .dotnet, Downloads, error_librewolfinstaller.log, .gitconfig, .gnupg,
lab4files, lab4files.zip, lab6, laB8, .lessht, .librewolf, .local, Music,
Pictures, .pki, practice, practicels, practicels.tar.xz, .profile, Public,
Scripts, snap, .ssh, .sudo_as_admin_successful, Templates, .textFiles.sh,
tfi.sh, .vboxclient-clipboard-tty2-control.pid,
.vboxclient-clipboard-tty2-service.pid,
.vboxclient-draganddrop-tty2-control.pid,
.vboxclient-hostversion-tty2-control.pid, .vboxclient-seamless-tty2-control.pid,
.vboxclient-vmvga-session-tty2-control.pid,
.vboxclient-vmvga-session-tty2-service.pid, Videos, .viminfo, .vscode, website,
website-lab5, .wget-hsts, wildcardpractice
dmatos45030@cis106vm:~/laB8$
```

Question 2



Question 3



Question 4

```
1/1 v + [ ] [ ]
Tilix: dmatos45030@cis106vm: ~
1: dmatos45030@cis106vm: ~/laB8
dmatos45030@cis106vm:~/laB8$ grep -i "honda" ~/Documents/Csv/cars.csv >> honda1.csv
dmatos45030@cis106vm:~/laB8$ sed 's/;/,/g' honda1.csv
Car,MPG,Cylinders,Displacement,Horsepower,Weight,Acceleration,Model,Origin
Honda Civic,24.0,4,120.0,97.00,2489. ,15.0,74,Japan
Honda Civic CVCC,33.0,4,91.00,53.00,1795. ,17.5,75,Japan
Honda Civic,33.0,4,91.00,53.00,1795. ,17.4,76,Japan
Honda Accord CVCC,31.5,4,98.00,68.00,2045. ,18.5,77,Japan
Honda Civic CVCC,36.1,4,91.00,60.00,1800. ,16.4,78,Japan
Honda Accord LX,29.5,4,98.00,68.00,2135. ,16.6,78,Japan
Honda Civic 1500 gl,44.6,4,91.00,67.00,1850. ,13.8,80,Japan
Honda Accord,32.4,4,107.0,72.00,2290. ,17.0,80,Japan
Honda Civic 1300,35.1,4,81.00,60.00,1760. ,16.1,81,Japan
Honda Prelude,33.7,4,107.0,75.00,2210. ,14.4,81,Japan
Honda Accord,36.0,4,107.0,75.00,2205. ,14.5,82,Japan
Honda Civic,38.0,4,91.00,67.00,1965. ,15.0,82,Japan
Honda Civic (auto),32.0,4,91.00,67.00,1965. ,15.7,82,Japan
dmatos45030@cis106vm:~/laB8$ sed 's/;/,/g' honda1.csv > honda2.csv
dmatos45030@cis106vm:~/laB8$ [ ]
2: dmatos45030@cis106vm: ~/laB8
dmatos45030@cis106vm:~/laB8$ awk -F":" 'NR > 1 {print $1,"",$3,"",$5}' honda2.csv | sed 's/ /,/g'
Honda Prelude,33.7,4,107.0,75.00,2210. ,14.4 , , pan
Honda Accord,36.0,4,107.0,75.00,2205. ,14.5 , , an
Honda Civic,38.0,4,91.00,67.00,1965. ,15.0,8 , , n
Honda Civic (auto),32.0,4,91.00,67.00,1965. , , , 82,Japan
dmatos45030@cis106vm:~/laB8$ awk -F":" 'NR > 1 {print $1,"",$3,"",$5}' honda2.csv | sed 's/ /,/g'
Honda Prelude,33.7,4,107.0,75.00,2210. ,15.0,7,,Japan
Honda Civic CVCC,33.0,4,91.00,53.00,1795. ,1,,5,75,Japan
Honda Civic,33.0,4,91.00,53.00,1795. ,17.4,7,,Japan
Honda Accord CVCC,31.5,4,98.00,68.00,2045. ,,,5,77,Japan
Honda Civic CVCC,36.1,4,91.00,60.00,1800. ,1,,4,78,Japan
Honda Accord LX,29.5,4,98.00,68.00,2135. ,16,,78,Japan
Honda Civic 1500 gl,44.6,4,91.00,67.00,1850. ,13.8,80,Japan
Honda Accord,32.4,4,107.0,72.00,2290. ,17.0,,Japan
Honda Civic 1300,35.1,4,81.00,60.00,1760. ,1,,1,81,Japan
Honda Prelude,33.7,4,107.0,75.00,2210. ,14.4,,1,Japan
Honda Accord,36.0,4,107.0,75.00,2205. ,14.5,,Japan
Honda Civic (auto),32.0,4,91.00,67.00,1965. ,15.0,8,,Japan
Honda Civic (auto),32.0,4,91.00,67.00,1965. ,5.7,82,Japan
dmatos45030@cis106vm:~/laB8$ awk -F":" 'NR > 1 {print $1,"",$3,"",$5}' honda2.csv | sed 's/ /,/g' | sed 's/Honda /Honda_/g'
Honda_Civic,24.0,4,120.0,97.00,2489. ,15.0,7,,Japan
Honda_Civic CVCC,33.0,4,91.00,53.00,1795. ,1,,5,75,Japan
Honda_Civic,33.0,4,91.00,53.00,1795. ,17.4,7,,Japan
Honda_Accord CVCC,31.5,4,98.00,68.00,2045. ,,,5,77,Japan
Honda_Civic CVCC,36.1,4,91.00,60.00,1800. ,1,,4,78,Japan
Honda_Accord LX,29.5,4,98.00,68.00,2135. ,16,,78,Japan
Honda_Civic 1500 gl,44.6,4,91.00,67.00,1850. ,13.8,80,Japan
Honda_Accord,32.4,4,107.0,72.00,2290. ,17.0,,Japan
Honda_Civic 1300,35.1,4,81.00,60.00,1760. ,1,,1,81,Japan
Honda_Prelude,33.7,4,107.0,75.00,2210. ,14.4,,1,Japan
Honda_Accord,36.0,4,107.0,75.00,2205. ,14.5,,Japan
Honda_Civic,38.0,4,91.00,67.00,1965. ,15.0,8,,Japan
Honda_Civic (auto),32.0,4,91.00,67.00,1965. ,5.7,82,Japan
dmatos45030@cis106vm:~/laB8$ awk -F":" 'NR > 1 {print $1,"",$3,"",$5}' honda2.csv | sed 's/ /,/g' | sed 's/Honda /Honda_/g' >> honda3.csv
dmatos45030@cis106vm:~/laB8$ [ ]
3: dmatos45030@cis106vm: ~
dmatos45030@cis106vm:~$ sudo apt install bat
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
You might want to run 'apt --fix-broken install' to correct these.
The following packages have unmet dependencies:
 bat : Depends: libgit2-1.7 (>= 1.7.0) but it is not going to be installed
 linux-generic-hwe-24.04 : Depends: linux-headers-generic-hwe-24.04 (= 6.8.0-48.48) but 6.8.0-47.47 is to be installed
 Recommends: linux-tools-6.8.0-48-generic but it is not going to be installed
E: Unmet dependencies. Try 'apt --fix-broken install' with no packages (or specify a solution).
dmatos45030@cis106vm:~$ apt --fix-broken install
E: Could not open lock file /var/lib/dpkg/lock-frontent - open (13: Permission denied)
E: Unable to acquire the dpkg frontend lock (/var/lib/dpkg/lock-frontent), are you root?
dmatos45030@cis106vm:~$ [ ]
```

Question 5

```
1/1 v + [ ] [ ]
Tilix: dmatos45030@cis106vm: ~
1: dmatos45030@cis106vm: ~/laB8/broken
dmatos45030@cis106vm:~/laB8$ cd ~/laB8/broken
dmatos45030@cis106vm:~/laB8/broken$ ls -l | grep "^."
-rw-rw-r-- 1 dmatos45030 dmatos45030 9275 Mar 25 2023 contact.html
-rw-rw-r-- 1 dmatos45030 dmatos45030 23462 Mar 25 2023 favicon.ico
-rw-rw-r-- 1 dmatos45030 dmatos45030 27570 Mar 25 2023 index.html
-rw-rw-r-- 1 dmatos45030 dmatos45030 1033963 Mar 25 2023 profile.png
-rw-rw-r-- 1 dmatos45030 dmatos45030 6395 Mar 25 2023 projects.html
-rw-rw-r-- 1 dmatos45030 dmatos45030 15143 Mar 25 2023 resume.html
-rw-rw-r-- 1 dmatos45030 dmatos45030 325 Mar 25 2023 scripts.js
-rw-rw-r-- 1 dmatos45030 dmatos45030 252666 Mar 25 2023 styles.css
dmatos45030@cis106vm:~/laB8/broken$ firefox.html
firefox.html: command not found
dmatos45030@cis106vm:~/laB8/broken$ firefox index.html
Gtk-Message: 15:50:53.798: Not loading module "atk-bridge": The functionality is provided by
GTK natively. Please try to not load it.
dmatos45030@cis106vm:~/laB8/broken$ ls -l | grep "^."
-rw-rw-r-- 1 dmatos45030 dmatos45030 9275 Mar 25 2023 contact.html
-rw-rw-r-- 1 dmatos45030 dmatos45030 27570 Mar 25 2023 index.html
-rw-rw-r-- 1 dmatos45030 dmatos45030 6395 Mar 25 2023 projects.html
-rw-rw-r-- 1 dmatos45030 dmatos45030 15143 Mar 25 2023 resume.html
dmatos45030@cis106vm:~/laB8/broken$ firefox index.html
Gtk-Message: 15:55:34.941: Not loading module "atk-bridge": The functionality is provided by
GTK natively. Please try to not load it.
dmatos45030@cis106vm:~/laB8/broken$ [ ]
2: dmatos45030@cis106vm: ~
The backup suffix is '-', unless set with --suffix or SIMPLE_BACKUP_SUFFIX. The
version control method may be selected via the --backup option or through the VER-
SION_CONTROL environment variable. Here are the values:

none, off
never make backups (even if --backup is given)

numbered, t
make numbered backups

existing, ntl
numbered if numbered backups exist, simple otherwise

simple, never
always make simple backups

AUTHOR
Written by Mike Parker, David MacKenzie, and Jim Meyering.

REPORTING BUGS
GNU coreutils online help: <https://www.gnu.org/software/coreutils/>
Report any translation bugs to <https://translationproject.org/team/>

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or later <https://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.

SEE ALSO
rename(2)

Full documentation <https://www.gnu.org/software/coreutils/mv>
or available locally via: info '(coreutils) mv invocation'

GNU coreutils 9.4 April 2024
Manual page mv(1) line 75/110 (END) (press h for help or q to quit)
```