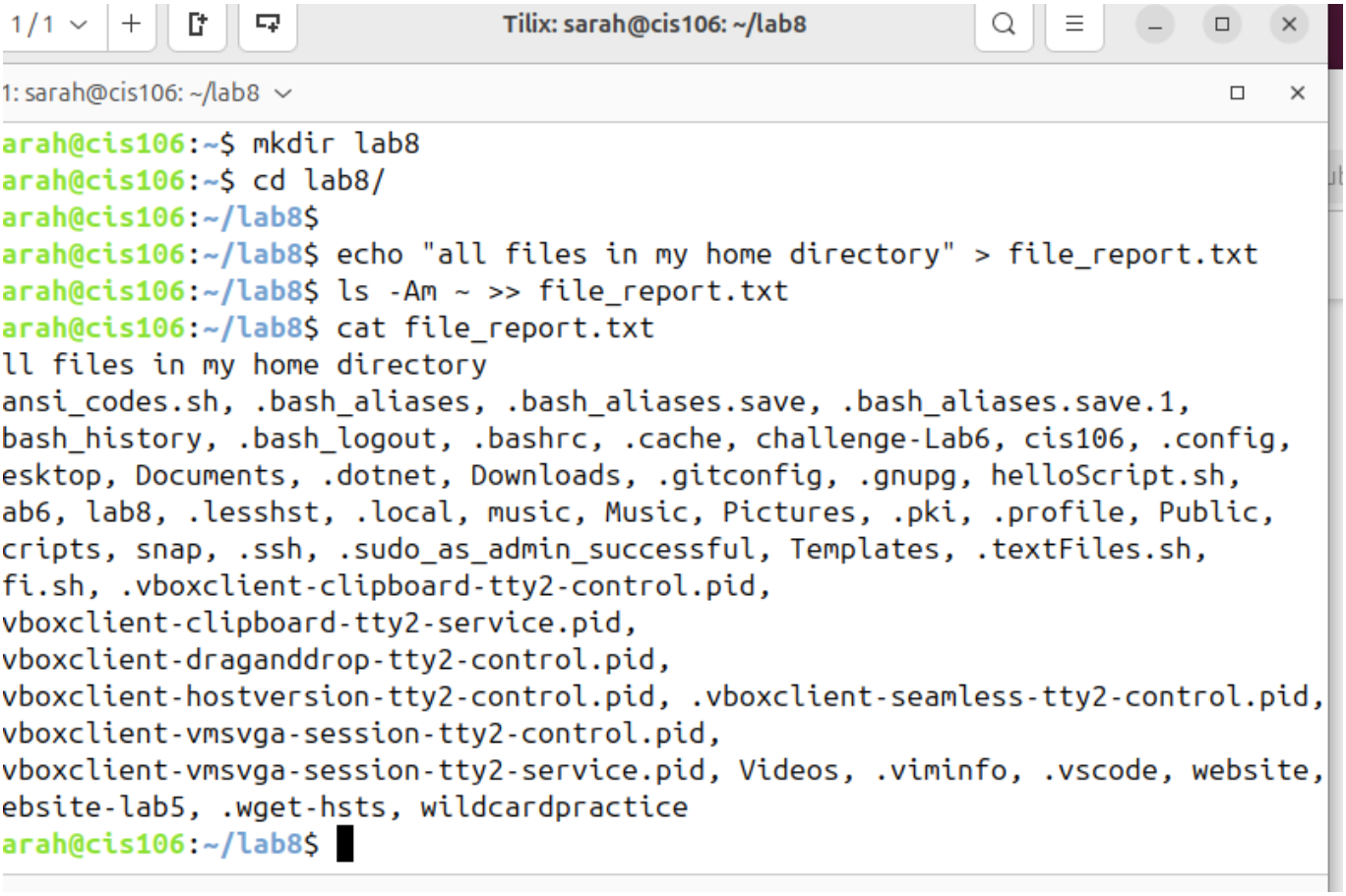
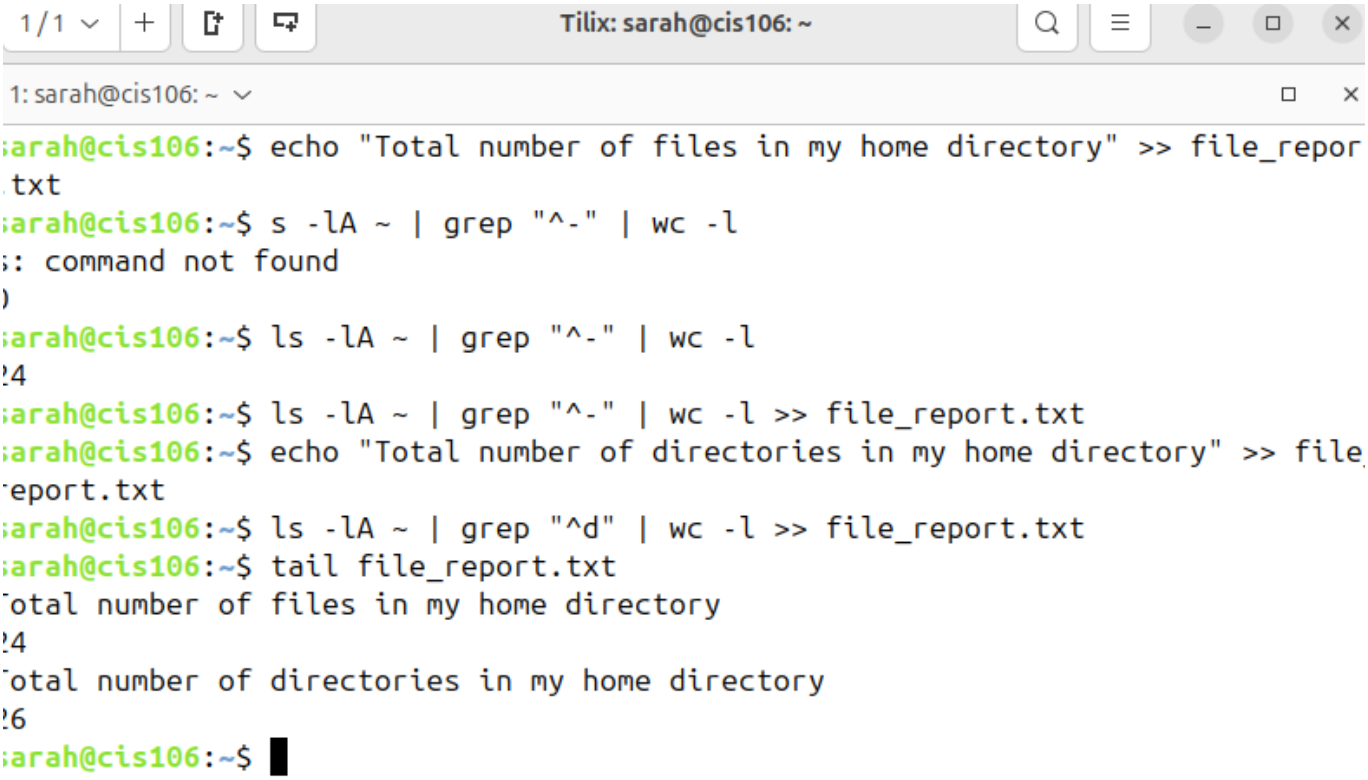
Lab 8

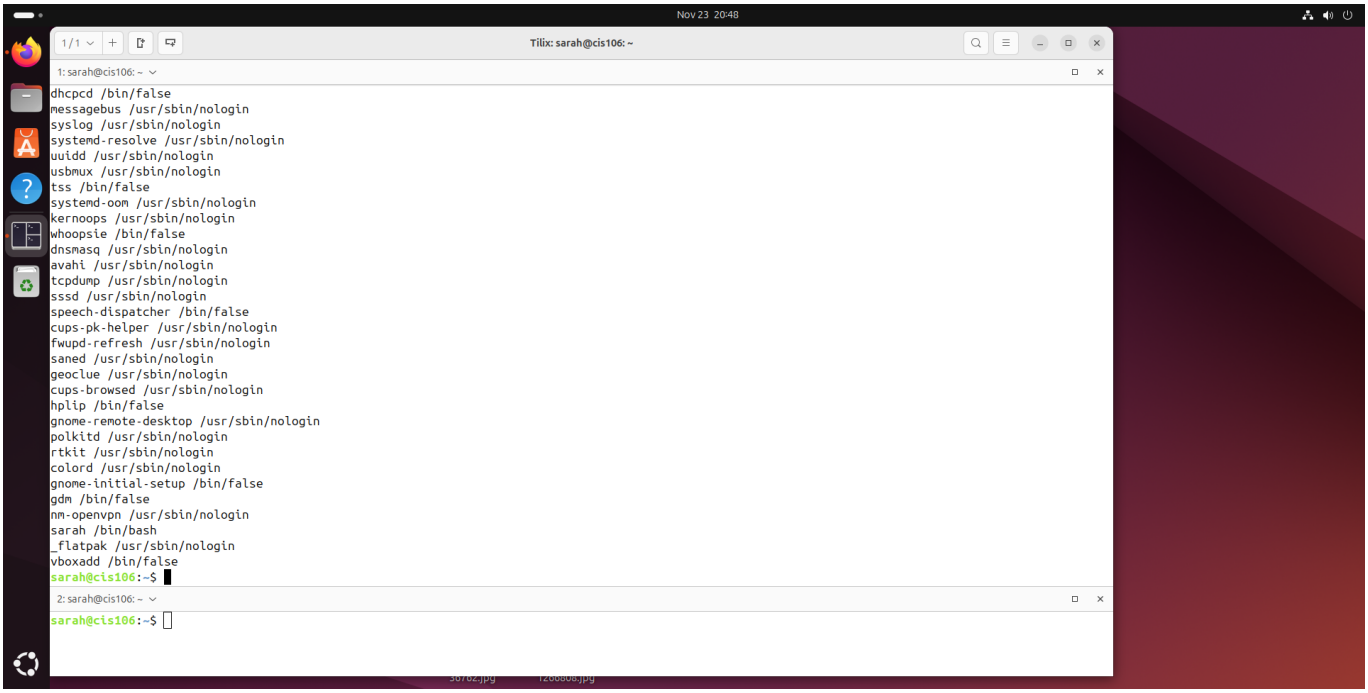
Q1

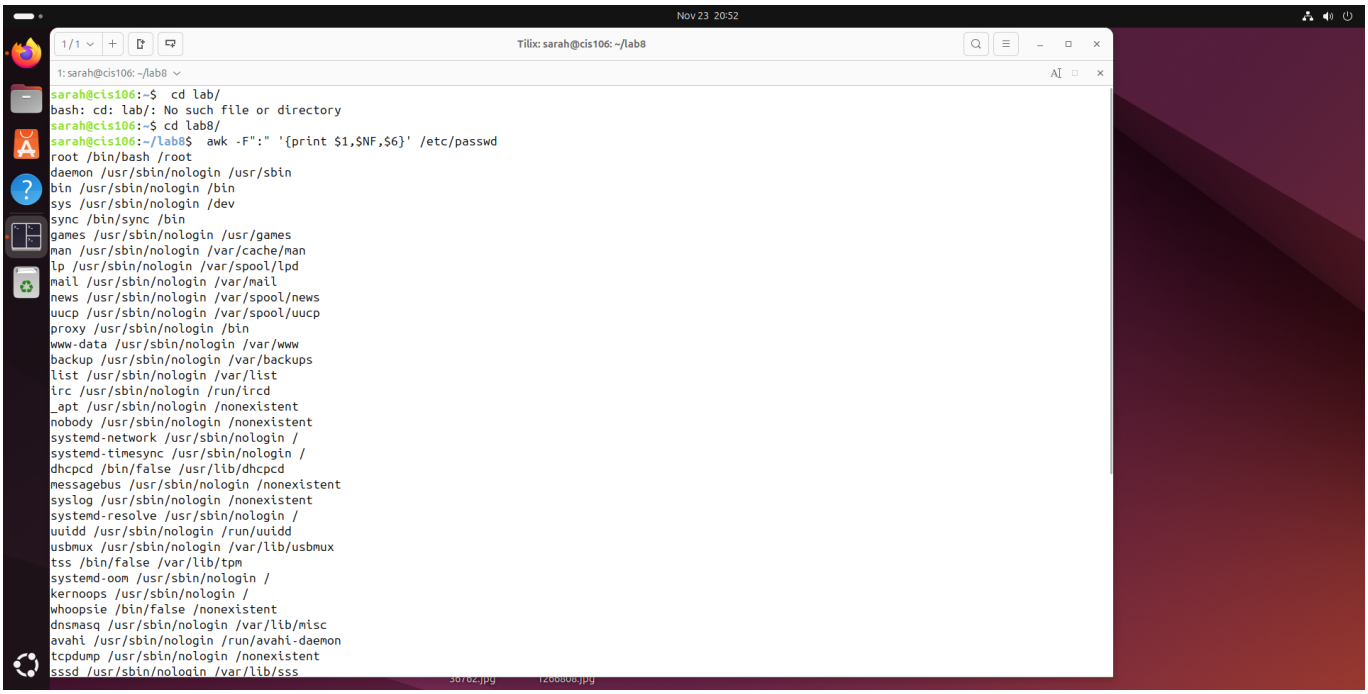

1 / 1
Tilix: sarah@cis106: ~/lab8
1: sarah@cis106: ~/lab8
arah@cis106:~$ mkdir lab8
arah@cis106:~$ cd lab8/
arah@cis106:~/lab8$
arah@cis106:~/lab8$ echo "all files in my home directory" > file_report.txt
arah@cis106:~/lab8$ ls -Am ~ >> file_report.txt
arah@cis106:~/lab8$ cat file_report.txt
ll files in my home directory
ansi_codes.sh, .bash_aliases, .bash_aliases.save, .bash_aliases.save.1,
bash_history, .bash_logout, .bashrc, .cache, challenge-Lab6, cis106, .config,
esktop, Documents, .dotnet, Downloads, .gitconfig, .gnupg, helloScript.sh,
ab6, lab8, .lesshst, .local, music, Music, Pictures, .pki, .profile, Public,
cripts, snap, .ssh, .sudo_as_admin_successful, Templates, .textFiles.sh,
fi.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-vmsvga-session-tty2-control.pid,
vboxclient-vmsvga-session-tty2-service.pid, Videos, .viminfo, .vscode, website,
ebsite-lab5, .wget-hsts, wildcardpractice
arah@cis106:~/lab8$

Q2


1/1
Tilix: sarah@cis106: ~
1: sarah@cis106: ~
arah@cis106:~$ echo "Total number of files in my home directory" >> file_repor
txt
arah@cis106:~$ s -lA ~ | grep "^-" | wc -l
: command not found
arah@cis106:~$ ls -lA ~ | grep "^-" | wc -l
4
arah@cis106:~$ ls -lA ~ | grep "^-" | wc -l >> file_report.txt
arah@cis106:~$ echo "Total number of directories in my home directory" >> file
eport.txt
arah@cis106:~$ ls -lA ~ | grep "^d" | wc -l >> file_report.txt
arah@cis106:~$ tail file_report.txt
otal number of files in my home directory
4
otal number of directories in my home directory
6
arah@cis106:~$

Q3


Nov 23 20:48
1/1
Tilix: sarah@cis106: ~
1: sarah@cis106: ~
dhcpcd /bin/false
messagebus /usr/sbin/nologin
syslog /usr/sbin/nologin
systemd-resolve /usr/sbin/nologin
uuidd /usr/sbin/nologin
usbmux /usr/sbin/nologin
tss /bin/false
systemd-oom /usr/sbin/nologin
kernoops /usr/sbin/nologin
whoopsie /bin/false
dnsmasq /usr/sbin/nologin
avahi /usr/sbin/nologin
tcpdump /usr/sbin/nologin
sssd /usr/sbin/nologin
speech-dispatcher /bin/false
cups-pk-helper /usr/sbin/nologin
fwupd-refresh /usr/sbin/nologin
saned /usr/sbin/nologin
geoclue /usr/sbin/nologin
cups-browsed /usr/sbin/nologin
hplip /bin/false
gnome-remote-desktop /usr/sbin/nologin
polkitd /usr/sbin/nologin
rtkit /usr/sbin/nologin
colord /usr/sbin/nologin
gnome-initial-setup /bin/false
gdm /bin/false
nm-openvpn /usr/sbin/nologin
sarah /bin/bash
_flatpak /usr/sbin/nologin
vboxadd /bin/false
sarah@cis106:~$
2: sarah@cis106: ~
sarah@cis106:~$



: sarah@cis106: ~/lab8

```
e userirc logs in with: /usr/sbin/nologin and is home dir is: /run/ircd
e user_apt logs in with: /usr/sbin/nologin and is home dir is: /nonexistent
e usernobody logs in with: /usr/sbin/nologin and is home dir is: /nonexistent
e usersystemd-network logs in with: /usr/sbin/nologin and is home dir is: /
e usersystemd-timesync logs in with: /usr/sbin/nologin and is home dir is: /
e userdhcpcd logs in with: /bin/false and is home dir is: /usr/lib/dhcpcd
e usermessagebus logs in with: /usr/sbin/nologin and is home dir is: /nonexistent
e usersyslog logs in with: /usr/sbin/nologin and is home dir is: /nonexistent
e usersystemd-resolve logs in with: /usr/sbin/nologin and is home dir is: /
e useruuidd logs in with: /usr/sbin/nologin and is home dir is: /run/uuidd
e userusbmux logs in with: /usr/sbin/nologin and is home dir is: /var/lib/usbmux
e usertss logs in with: /bin/false and is home dir is: /var/lib/tpm
e usersystemd-oom logs in with: /usr/sbin/nologin and is home dir is: /
e userkernoops logs in with: /usr/sbin/nologin and is home dir is: /
e userwhoopsie logs in with: /bin/false and is home dir is: /nonexistent
e userdnsmasq logs in with: /usr/sbin/nologin and is home dir is: /var/lib/misc
e useravahi logs in with: /usr/sbin/nologin and is home dir is: /run/avahi-daemon
e usertcpdump logs in with: /usr/sbin/nologin and is home dir is: /nonexistent
e usersssd logs in with: /usr/sbin/nologin and is home dir is: /var/lib/sss
e userspeech-dispatcher logs in with: /bin/false and is home dir is: /run/speech-dispatcher
e usercups-pk-helper logs in with: /usr/sbin/nologin and is home dir is: /nonexistent
e userfwupd-refresh logs in with: /usr/sbin/nologin and is home dir is: /var/lib/fwupd
e usersaned logs in with: /usr/sbin/nologin and is home dir is: /var/lib/saned
e usergeoclue logs in with: /usr/sbin/nologin and is home dir is: /var/lib/geoclue
e usercups-browsed logs in with: /usr/sbin/nologin and is home dir is: /nonexistent
e userhplip logs in with: /bin/false and is home dir is: /run/hplip
e usergnome-remote-desktop logs in with: /usr/sbin/nologin and is home dir is: /var/lib/gnome-remote-desktop
e userpolkitd logs in with: /usr/sbin/nologin and is home dir is: /
e userrtkit logs in with: /usr/sbin/nologin and is home dir is: /proc
e usercolord logs in with: /usr/sbin/nologin and is home dir is: /var/lib/colord
e usergnome-initial-setup logs in with: /bin/false and is home dir is: /run/gnome-initial-setup/
e usergdm logs in with: /bin/false and is home dir is: /var/lib/gdm3
e usernm-openvpn logs in with: /usr/sbin/nologin and is home dir is: /var/lib/openvpn/chroot
e usersarah logs in with: /bin/bash and is home dir is: /home/sarah
e user_flatpak logs in with: /usr/sbin/nologin and is home dir is: /nonexistent
```

```
nome-remote-desktop = /usr/sbin/nologin
olkitd = /usr/sbin/nologin
tkit = /usr/sbin/nologin
olord = /usr/sbin/nologin
nome-initial-setup = /bin/false
dm = /bin/false
m-openvpn = /usr/sbin/nologin
arah = /bin/bash
flatpak = /usr/sbin/nologin
boxadd = /bin/false
ash: /etc/passwd: Permission denied
arah@cis106:~/lab8$ awk -F":" '{print $1" = "$NF}' /etc/passwd | etc/passwd | grep "/bin/bash/"
ash: etc/passwd: No such file or directory
arah@cis106:~/lab8$ awk -F":" '{print $1" = "$NF}' /etc/passwd | grep "/bin/bash/"
arah@cis106:~/lab8$ awk -F":" '{print $1" = "$NF}' /etc/passwd | grep "/bin/bash"
oot = /bin/bash
arah = /bin/bash
arah@cis106:~/lab8$ awk -F":" '{print $1" = "$NF}' /etc/passwd | grep "/bin/bash/" >> report_users.txt
arah@cis106:~/lab8$
```

Q4

```
sarah@cis106:~$ cd lab8/
sarah@cis106:~/lab8$ grep -i "honda" ~/Documents/Csv/cars.csv > honda1.csv
sarah@cis106:~/lab8$ head -1 grep ~/Documents/Csv/cars.csv > honda1.csv
head: cannot open 'grep' for reading: No such file or directory
sarah@cis106:~/lab8$ head -1 ~/Documents/Csv/cars.csv > honda1.csv
sarah@cis106:~/lab8$ cat honda1.csv
<!DOCTYPE html>
sarah@cis106:~/lab8$  grep -i "honda" ~/Documents/Csv/cars.csv >>honda1.csv
sarah@cis106:~/lab8$ sed 's/;/,/g' honda1.csv
<!DOCTYPE html>
sarah@cis106:~/lab8$ sed 's/;/,/g' honda1.csv > honda2.csv
sarah@cis106:~/lab8$
```

```
sarah@cis106: ~/lab8
OCTYPE html>
ah@cis106:~/lab8$ awk -F"," '{print $1,",",$3,",",$5}' honda2.csv
OCTYPE html> ,  ,
ah@cis106:~/lab8$ awk -F"," 'NR > 1 {print $1,",",$3,",",$5}' honda2.cs

ah@cis106:~/lab8$ awk -F"," 'NR > 1 {print $1,",",$3,",",$5}' honda2.cs
  sed 's/ , /,/g'
ah@cis106:~/lab8$ awk -F"," 'NR > 1 {print $1,",",$3,",",$5}' honda2.cs
  sed 's/ , /,/g' | sed 's/Honda /Honda_/g'
ah@cis106:~/lab8$ awk -F"," 'NR > 1 {print $1,",",$3,",",$5}' honda2.cs
  sed 's/ , /,/g' | sed 's/Honda /Honda_/g' >> honda3.csv
ah@cis106:~/lab8$ batcat honda3.csv
```

	File: **honda3.csv**
1	model,cylindr,hp

Challenge question