

Lab 8 Submission

Question 1

```
1: rtorres2@cis106: ~/cis106/labs/lab8
rtorres2@cis106:~/cis106/labs/lab8$ echo "All files in my home directory" > file_report.txt
rtorres2@cis106:~/cis106/labs/lab8$ ls -Am ~ >> file_report.txt
rtorres2@cis106:~/cis106/labs/lab8$ cat file_report.txt
All files in my home directory
all.log, allmyfiles.txt, .ansi_codes.sh, .bash_aliases, .bash_aliasesclear,
.bash_aliasesclear.save, .bash_history, .bash_logout, .bashrc, book-list,
.cache, challenge-Lab6, cis106, .config, Desktop, Documents, .dotnet, Downloads,
error.log, files-sp-24, .fontconfig, .gitconfig, .gnupg, lab4files, Lab-5,
lab5-audio, lab5ChallengeQuestion, lab5-docs, lab5-imgs, lab5-video, lab6,
lab6-q5, .lessht, .local, local, Music, Pictures, pizza-mania, .pki,
practicels, practicels.tar.xz, practicemkdir, .profile, scripts, snap, .ssh,
success.log, .sudo_as_admin_successful, .textFiles, .textFiles.sh, tfi.sh,
.vboxclient-clipboard-tty2-control.pid, .vboxclient-clipboard-tty2-service.pid,
.vboxclient-draganddrop-tty2-control.pid,
.vboxclient-draganddrop-tty2-service.pid,
.vboxclient-hostversion-tty2-control.pid, .vboxclient-seamless-tty2-control.pid,
.vboxclient-seamless-tty2-service.pid,
.vboxclient-vmvga-session-tty2-control.pid,
.vboxclient-vmvga-session-tty2-service.pid, Videos, .vscode, website,
wildcardpractice
rtorres2@cis106:~/cis106/labs/lab8$
```

Question 2

```
1: rtorres2@cis106: ~/cis106/labs/lab8
rtorres2@cis106:~/cis106/labs/lab8$ echo "Total number of files in my home directory" >> file_report.txt
rtorres2@cis106:~/cis106/labs/lab8$ ls -lA ~ | grep "^-" | wc -l >> file_report.txt
rtorres2@cis106:~/cis106/labs/lab8$ echo "Total number of directories in my home directory" >> file_report.txt
rtorres2@cis106:~/cis106/labs/lab8$ ls -lA ~ | grep "^d" | wc -l >> file_report.txt
rtorres2@cis106:~/cis106/labs/lab8$ tail file_report.txt
.vboxclient-draganddrop-tty2-service.pid,
.vboxclient-hostversion-tty2-control.pid, .vboxclient-seamless-tty2-control.pid,
.vboxclient-seamless-tty2-service.pid,
.vboxclient-vmvga-session-tty2-control.pid,
.vboxclient-vmvga-session-tty2-service.pid, Videos, .vscode, website,
wildcardpractice
Total number of files in my home directory
28
Total number of directories in my home directory
36
rtorres2@cis106:~/cis106/labs/lab8$
```

Question 3

```
colord /usr/sbin/nologin
geoclue /usr/sbin/nologin
pulse /usr/sbin/nologin
gnome-initial-setup /bin/false
hplip /bin/false
gdm /bin/false
rtorres2 /bin/bash
vboxadd /bin/false
_flatpak /usr/sbin/nologin
rtorres2@cis106:~/cis106/labs/lab8$ awk -F":" '{print $1,$NF}' /etc/passwd
```

```
geoclue /usr/sbin/nologin /var/lib/geoclue
pulse /usr/sbin/nologin /run/pulse
gnome-initial-setup /bin/false /run/gnome-initial-setup/
hplip /bin/false /run/hplip
gdm /bin/false /var/lib/gdm3
rtorres2 /bin/bash /home/rtorres2
vboxadd /bin/false /var/run/vboxadd
_flatpak /usr/sbin/nologin /nonexistent
rtorres2@cis106:~/cis106/labs/lab8$ awk -F":" '{print $1,$NF,$6}' /etc/passwd
```

```
The User rtorres2 logs in with: /bin/bash and its home dir is: /home/rtorres2
The User vboxadd logs in with: /bin/false and its home dir is: /var/run/vboxadd
The User _flatpak logs in with: /usr/sbin/nologin and its home dir is: /nonexistent
rtorres2@cis106:~/cis106/labs/lab8$ awk -F":" '{print "The User \"$1,\"logs in with: \"$NF,\"and its home dir is: \"$6}' /etc/passwd
```

```
pulse = /usr/sbin/nologin
gnome-initial-setup = /bin/false
hplip = /bin/false
gdm = /bin/false
rtorres2 = /bin/bash
vboxadd = /bin/false
_flatpak = /usr/sbin/nologin
rtorres2@cis106:~/cis106/labs/lab8$ awk -F":" '{print $1" = \"$NF}' /etc/passwd | grep "/bin/bash"
root = /bin/bash
rtorres2 = /bin/bash
rtorres2@cis106:~/cis106/labs/lab8$ awk -F":" '{print $1" = \"$NF}' /etc/passwd | grep "/bin/bash" >> report_users.txt
rtorres2@cis106:~/cis106/labs/lab8$
```

Question 4

1: rtorres2@cis106: ~/cis106/labs/lab8

Approximately 58 minutes remaining (20%)

```
rtorres2@cis106:~/cis106/labs/lab8$ grep -1 "honda" ~/Documents/Csv/cars.csv > honda1.csv
rtorres2@cis106:~/cis106/labs/lab8$ head -1 ~/Documents/Csv/cars.csv > honda1.csv
rtorres2@cis106:~/cis106/labs/lab8$ cat honda1.csv
Car;MPG;Cylinders;Displacement;Horsepower;Weight;Acceleration;Model;Origin
rtorres2@cis106:~/cis106/labs/lab8$ grep -1 "honda" ~/Documents/Csv/cars.csv >> honda1.csv
rtorres2@cis106:~/cis106/labs/lab8$ sed 's/;/,/g' honda1.csv
Car,MPG,Cylinders,Displacement,Horsepower,Weight,Acceleration,Model,Origin
rtorres2@cis106:~/cis106/labs/lab8$ sed 's/;/,/g' honda1.csv > honda2.csv
rtorres2@cis106:~/cis106/labs/lab8$ echo "model,cylinder,hp" > honda3.csv
rtorres2@cis106:~/cis106/labs/lab8$ awk -F";" '{print $1,$3,$5}' honda2.csv
model,cylinder,hp
rtorres2@cis106:~/cis106/labs/lab8$ awk -F";" 'NR > 1 {print $1,"",$3,"",$5}' honda2.csv | sed 's/ /,/g' | sed 's/Honda /Honda_/g'
model,cylinder,hp
rtorres2@cis106:~/cis106/labs/lab8$ batcat honda3.csv
Command 'batcat' not found, but can be installed with:
sudo apt install bat
rtorres2@cis106:~/cis106/labs/lab8$ batcat honda3.csv
```

	File: honda3.csv
1	model,cylinder,hp

```
rtorres2@cis106:~/cis106/labs/lab8$
```