

Lab 8

Question 1

q1

```
edison@cis106: ~/cis106/lab8
edison@cis106:~/cis106$ mkdir lab8
edison@cis106:~/cis106$ cd lab8
edison@cis106:~/cis106/lab8$ echo "All files in my directory" > file_report.txt
edison@cis106:~/cis106/lab8$ ls -Am ~ >> file_report.txt
edison@cis106:~/cis106/lab8$ cat file_report.txt
All files in my directory
.ansi_codes.sh, audios, .bash_aliases, .bash_history, .bash_logout, .bashrc,
.cache, car, cars, challenge-Lab6, cis106, cis106.zip, .config, Desktop,
documents, Documents, .dotnet, Downloads, .gitconfig, .gnupg, images, inClasses,
lab6, .lessht, .local, music, Music, Pictures, pizzahouse, .pki, .profile,
project, project_alpha, Public, scripts, snap, .ssh, .sudo_as_admin_successful,
Templates, .textFiles.sh, tfi.sh, UsersExport.csv, UsersExport.tsv,
.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, Videos, .viminfo, .vscode,
website-lab5, .wget-hsts, wildcard_extra_practice, wildcardpractice
edison@cis106:~/cis106/lab8$
```

Question 2

q2

```
edison@cis106:~/cis106/lab8$ ls -lA ~ | grep "^-" | wc -l
23
edison@cis106:~/cis106/lab8$ ls -lA ~ | grep "^d" | wc -l >> file_report.txt
edison@cis106:~/cis106/lab8$ echo "Total number of directories in my home directory" >> file_report.txt
edison@cis106:~/cis106/lab8$ tail file_report.txt
.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, Videos, .viminfo, .vscode,
website-lab5, .wget-hsts, wildcard_extra_practice, wildcardpractice
Total number of files in my home directory
23
Total number of directories in my home directory
58
edison@cis106:~/cis106/lab8$
```

Question 3

q3.1

```

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
edison /bin/bash
_flatpak /usr/sbin/nologin
snapd-range-524288-root /usr/bin/false
snap_daemon /usr/bin/false
vboxadd /bin/false
edison@cis106:~/cis106/labs/lab8$ awk -F":" '{print $1,$NF}' /etc/passwd

```

q3.2

```

saned /usr/sbin/nologin /var/lib/saned
geoclue /usr/sbin/nologin /var/lib/geoclue
cups-browsed /usr/sbin/nologin /nonexistent
hplip /bin/false /run/hplip
gnome-remote-desktop /usr/sbin/nologin /var/lib/gnome-remote-desktop
polkitd /usr/sbin/nologin /
rtkit /usr/sbin/nologin /proc
colord /usr/sbin/nologin /var/lib/colord
gnome-initial-setup /bin/false /run/gnome-initial-setup/
gdm /bin/false /var/lib/gdm3
nm-openvpn /usr/sbin/nologin /var/lib/openvpn/chroot
edison /bin/bash /home/edison
_flatpak /usr/sbin/nologin /nonexistent
snapd-range-524288-root /usr/bin/false /nonexistent
snap_daemon /usr/bin/false /nonexistent
vboxadd /bin/false /var/run/vboxadd
edison@cis106:~/cis106/labs/lab8$ awk -F":" '{print $1,$NF,$6}' /etc/passwd

```

q3.3

```

The user cups-pk-helper logs in with:/usr/sbin/nologin and its home dir is: /nonexistent
The user fwupd-refresh logs in with:/usr/sbin/nologin and its home dir is: /var/lib/fwupd
The user saned logs in with:/usr/sbin/nologin and its home dir is: /var/lib/saned
The user geoclue logs in with:/usr/sbin/nologin and its home dir is: /var/lib/geoclue
The user cups-browsed logs in with:/usr/sbin/nologin and its home dir is: /nonexistent
The user hplip logs in with:/bin/false and its home dir is: /run/hplip
The user gnome-remote-desktop logs in with:/usr/sbin/nologin and its home dir is: /var/lib/gnome-remote-desktop
The user polkitd logs in with:/usr/sbin/nologin and its home dir is: /
The user rtkit logs in with:/usr/sbin/nologin and its home dir is: /proc
The user colord logs in with:/usr/sbin/nologin and its home dir is: /var/lib/colord
The user gnome-initial-setup logs in with:/bin/false and its home dir is: /run/gnome-initial-setup/
The user gdm logs in with:/bin/false and its home dir is: /var/lib/gdm3
The user nm-openvpn logs in with:/usr/sbin/nologin and its home dir is: /var/lib/openvpn/chroot
The user edison logs in with:/bin/bash and its home dir is: /home/edison
The user _flatpak logs in with:/usr/sbin/nologin and its home dir is: /nonexistent
The user snapd-range-524288-root logs in with:/usr/bin/false and its home dir is: /nonexistent
edison@cis106:~/cis106/labs/lab8$ awk -F":" '{print "The user "$1,"logs in with:"$NF,"and its home dir is: "$6}' /etc/passwd

```

q3.4

```

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
edison = /bin/bash
_flatpak = /usr/sbin/nologin
snapd-range-524288-root = /usr/bin/false
snap_daemon = /usr/bin/false
vboxadd = /bin/false
edison@cis106:~/cis106/labs/lab8$ awk -F":" '{print $1" = "$NF}' /etc/passwd | grep "/bin/bash"
root = /bin/bash
edison = /bin/bash
edison@cis106:~/cis106/labs/lab8$ awk -F":" '{print $1" = "$NF}' /etc/passwd | grep "/bin/bash" >> report_users.txt
edison@cis106:~/cis106/labs/lab8$

```

q3.5

```

The user saned logs in with:/usr/sbin/nologin and its home dir is: /var/lib/saned
The user geoclue logs in with:/usr/sbin/nologin and its home dir is: /var/lib/geoclue
The user cups-browsed logs in with:/usr/sbin/nologin and its home dir is: /nonexistent
The user hplip logs in with:/bin/false and its home dir is: /run/hplip
The user gnome-remote-desktop logs in with:/usr/sbin/nologin and its home dir is: /var/lib/gnome-remote-desktop
The user polkitd logs in with:/usr/sbin/nologin and its home dir is: /
The user rtkit logs in with:/usr/sbin/nologin and its home dir is: /proc
The user colord logs in with:/usr/sbin/nologin and its home dir is: /var/lib/colord
The user gnome-initial-setup logs in with:/bin/false and its home dir is: /run/gnome-initial-setup/
The user gdm logs in with:/bin/false and its home dir is: /var/lib/gdm3
The user nm-openvpn logs in with:/usr/sbin/nologin and its home dir is: /var/lib/openvpn/chroot
The user edison logs in with:/bin/bash and its home dir is: /home/edison
The user _flatpak logs in with:/usr/sbin/nologin and its home dir is: /nonexistent
The user snapd-range-524288-root logs in with:/usr/bin/false and its home dir is: /nonexistent
The user snap_daemon logs in with:/usr/bin/false and its home dir is: /nonexistent
The user vboxadd logs in with:/bin/false and its home dir is: /var/run/vboxadd
root = /bin/bash
edison = /bin/bash
edison@cis106:~/cis106/labs/lab8$ cat report_users.txt

```

Question 4

q.4.1

```

edison@cis106: ~/cis106/labs/lab8
edison@cis106:~/cis106/labs/lab8$ grep -1 "honda" ~/Documents/Csv/cars.csv > honda1.csv
edison@cis106:~/cis106/labs/lab8$ head -1 ~/Documents/Csv/cars.csv > honda1.csv
edison@cis106:~/cis106/labs/lab8$ cat honda1.csv
Car;MPG;Cylinders;Displacement;Horsepower;Weight;Acceleration;Model;Origin
edison@cis106:~/cis106/labs/lab8$ grep -1 "honda" ~/Documents/Csv/cars.csv >> honda1.csv
edison@cis106:~/cis106/labs/lab8$ sed 's/;/,/g' honda1.csv
Car,MPG,Cylinders,Displacement,Horsepower,Weight,Acceleration,Model,Origin
edison@cis106:~/cis106/labs/lab8$ sed 's/;/,/g' honda1.csv > honda2.csv
edison@cis106:~/cis106/labs/lab8$

```

q4.2

```
bash: sed /Honda /Honda_/g: No such file or directory
edison@cis106:~/cis106/labs/lab8$ awk -F"," 'NR > 1 {print $1, ",", $3, ",", $5}' honda2.csv |
sed 's/ ,/,/g' | sed 's/Honda /Honda_/g'
edison@cis106:~/cis106/labs/lab8$ awk -F"," 'NR > 1 {print $1, ",", $3, ",", $5}' honda2.csv |
sed 's/ ,/,/g' | sed 's/Honda /Honda_/g' >> Honda3.csv
edison@cis106:~/cis106/labs/lab8$ batcat honda3.csv
```

| | File: honda3.csv |
|---|-------------------|
| 1 | model,cylinder,hp |

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

Challenge Question

ch1

```
edison@cis106: ~/lab8/broken
</html>
edison@cis106:~/lab8/broken$ grep "profile.png" index.html
        
edison@cis106:~/lab8/broken$ grep "scripts.js" index.html
        <script src="js/scripts.js"></script>
edison@cis106:~/lab8/broken$ grep "styles.css" index.html
        <link href="css/styles.css" rel="stylesheet" />
edison@cis106:~/lab8/broken$ mkdir css js assets
edison@cis106:~/lab8/broken$ mv styles.css css/
edison@cis106:~/lab8/broken$ mv scripts.js js/
edison@cis106:~/lab8/broken$ mv profile.png assets
edison@cis106:~/lab8/broken$ ls -lX
assets
css
js
contact.html
index.html
projects.html
resume.html
favicon.ico
edison@cis106:~/lab8/broken$ tree
.
├── assets
│   └── profile.png
├── contact.html
├── css
│   └── styles.css
├── favicon.ico
├── index.html
├── js
│   └── scripts.js
├── projects.html
└── resume.html

4 directories, 8 files
edison@cis106:~/lab8/broken$ firefox index.html
```

ch2

DESIGN · DEVELOPMENT · MARKETING

I can help your business to

Get online and grow fast

Resume

Projects

