Lab 8

Question 1

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1: ad@cis106: ~/lab8 ∨                                                              ▢   ✕

ad@cis106:~$ mkdir lab8
ad@cis106:~$ cd lab8/
ad@cis106:~/lab8$ echo "All files in my home directory"> file_report.txt
ad@cis106:~/lab8$ ls -Am ~ >> file_report.txt
ad@cis106:~/lab8$ cat file_report.txt
All files in my home directory
◆◆◆@◆@8
        @$@@@◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆@l◆        @◆◆      @◆◆     (ta(tap◆, aileendelgado21,
americanCars.csv, .ansi_codes.sh, .bash_aliases, .bash_history, .bash_logout,
.bashrc, .cache, cars-brands.csv, cars.csv, cars-no-header.csv, cereal.csv,
challenge-Lab6, cis106, .config, Desktop, Documents, .dotnet, Downloads,
film.csv, GAMES, .gitconfig, .gnupg, .irb_history, lab4files, lab5-audio,
lab5-image, lab6, lab8, .lesshst, .local, Music, Pictures, .pki, practicels,
practicels.tar.xz, .profile, Public, Scripts, snap, .ssh,
.sudo_as_admin_successful, Templates, tes, test, .textFiles.sh, tfi.sh, Videos,
.viminfo, .vscode, website-lab5, .wget-hsts, wildcard_practice,
wildcardpractice
ad@cis106:~/lab8$ ▮
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Question 2

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ad@cis106:~/lab8$ echo "Total number of files in my home directory" >> file_report.txt
ad@cis106:~/lab8$ ls -la ~ | grep "^_" |wc -1
wc: invalid option -- '1'
Try 'wc --help' for more information.
ad@cis106:~/lab8$ ls -la ~ | grep "^_" |wc -l
0
ad@cis106:~/lab8$ ls -la ~ | grep "^_" |wc -l >> file_report.txt
ad@cis106:~/lab8$ echo "Total number of directories in my home directory" >> file_report.txt
ad@cis106:~/lab8$ ls -la ~ | grep "^d" |wc -l >> file_report.txt
ad@cis106:~/lab8$ tail file_report.txt
film.csv, GAMES, .gitconfig, .gnupg, .irb_history, lab4files, lab5-audio,
lab5-image, lab6, lab8, .lesshst, .local, Music, Pictures, .pki, practicels,
practicels.tar.xz, .profile, Public, Scripts, snap, .ssh,
.sudo_as_admin_successful, Templates, tes, test, .textFiles.sh, tfi.sh, Videos,
.viminfo, .vscode, website-lab5, .wget-hsts, wildcard_practice,
wildcardpractice
Total number of files in my home directory
0
Total number of directories in my home directory
35
ad@cis106:~/lab8$ ▮
```

Question 3

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gnome-remote-desktop /usr/sbin/nologin
gnome-initial-setup /bin/false
gdm /bin/false
_flatpak /usr/sbin/nologin
snapd-range-524288-root /usr/bin/false
snap_daemon /usr/bin/false
ad@cis106:~/lab8$ awk -F":" '{print $1,$NF}' /etc/passwd
gdm /bin/false /var/lib/gdm3
_flatpak /usr/sbin/nologin /nonexistent
snapd-range-524288-root /usr/bin/false /nonexistent
snap_daemon /usr/bin/false /nonexistent
ad@cis106:~/lab8$ awk -F":" '{print $1,$NF,$6}' /etc/passwd
The userspeech-dispatcher logs in with: /bin/false and its home dir is: /run/speech-dispatcher
The usercups-pk-helper logs in with: /usr/sbin/nologin and its home dir is: /nonexistent
The usergeoclue logs in with: /usr/sbin/nologin and its home dir is: /var/lib/geoclue
The usercups-browsed logs in with: /usr/sbin/nologin and its home dir is: /nonexistent
The userhplip logs in with: /bin/false and its home dir is: /run/hplip
The usergnome-remote-desktop logs in with: /usr/sbin/nologin and its home dir is: /var/lib/gnome-remote-desktop
The usergnome-initial-setup logs in with: /bin/false and its home dir is: /run/gnome-initial-setup/
The usergdm logs in with: /bin/false and its home dir is: /var/lib/gdm3
The user_flatpak logs in with: /usr/sbin/nologin and its home dir is: /nonexistent
The usersnapd-range-524288-root logs in with: /usr/bin/false and its home dir is: /nonexistent
ad@cis106:~/lab8$ awk -F":" '{print "The user"$1,"logs in with: "$NF,"and its home dir is: "$6}' /etc/passwd
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ad@cis106:~/lab8$ awk -F":" '{print "The user"$1,"logs in with: "$NF,"and its home dir is: "$6}' /etc/passwd > report_users.txt
ad@cis106:~/lab8$ awk -F":" '{print "The user"$1,"logs in with: "$NF,"and its home dir is: "$6}' /etc/passwd | grep 'bin/bash'
The userroot logs in with: /bin/bash and its home dir is: /root
The userad logs in with: /bin/bash and its home dir is: /home/ad
ad@cis106:~/lab8$ awk -F":" '{print $1 = "$NF}' /etc/passwd
awk: cmd. line:1: {print $1 = "$NF}
awk: cmd. line:1:             ^ unterminated string
ad@cis106:~/lab8$ awk -F":" '{print $1" = "$NF}' /etc/passwd | grep "bin/bash"
root = /bin/bash
ad = /bin/bash
ad@cis106:~/lab8$ awk -F":" '{print $1" = "$NF}' /etc/passwd | grep "bin/bash" >> report_users.txt
ad@cis106:~/lab8$ █
```

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The usersnapd-range-524288-root logs in with: /usr/bin/false and its home dir i
s: /nonexistent
The usersnap_daemon logs in with: /usr/bin/false and its home dir is: /nonexist
ent
root = /bin/bash
ad = /bin/bash
ad@cis106:~/lab8$ █
```

Question 4

```
ad@cis106:~/lab8$ batcat honda3.csv
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        File: honda3.csv

1       model,cylinder,hp
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ad@cis106:~/lab8$ █
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ad@cis106:~$ ▯
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