

Lab 4 Submission

Question 1

```
1: roy@cis106: /snap/firefox ▾  
  
roy@cis106:~$ pwd  
/home/roy  
roy@cis106:~$ cd /usr/share/themes/  
roy@cis106:/usr/share/themes$ pwd  
/usr/share/themes  
roy@cis106:/usr/share/themes$ cd /  
roy@cis106:/$ cd /snap/firefox/  
roy@cis106:/snap/firefox$  
  
roy@cis106:/snap/firefox$ cd  
roy@cis106:~$ cd Downloads/  
roy@cis106:~/Downloads$ cd ../../  
roy@cis106:/home$ pwd  
/home  
roy@cis106:/home$ cd roy/Documents/  
roy@cis106:~/Documents$
```

Question 2

```

1: roy@cis106: ~/lab4files  v
roy@cis106:~$ cd /usr/share/
roy@cis106:/usr/share$ ls ~/lab4files/
countries.json  document.docx  helloWorld.c  sample.xls  Ubuntu.pdf
csvfile.csv    globe.avi      Linux.pdf     Tux.png     website.html
roy@cis106:/usr/share$ cd ~/lab4files/
roy@cis106:~/lab4files$ ls -lh
total 6.5M
-rw-rw-r-- 1 roy roy 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 roy roy 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 roy roy 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 roy roy 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 roy roy 76 Feb 22 2022 helloWorld.c
-rw-rw-r-- 1 roy roy 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 roy roy 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 roy roy 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 roy roy 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 roy roy 135K Feb 22 2022 website.html
roy@cis106:~/lab4files$ ls -lhs
total 6.5M
-rw-rw-r-- 1 roy roy 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 roy roy 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 roy roy 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 roy roy 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 roy roy 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 roy roy 135K Feb 22 2022 website.html
-rw-rw-r-- 1 roy roy 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 roy roy 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 roy roy 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 roy roy 76 Feb 22 2022 helloWorld.c
roy@cis106:~/lab4files$ ls -lhsGi

```

```

1: roy@cis106: ~/lab4files  v
-rw-rw-r-- 1 roy roy 135K Feb 22 2022 website.html
-rw-rw-r-- 1 roy roy 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 roy roy 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 roy roy 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 roy roy 76 Feb 22 2022 helloWorld.c
roy@cis106:~/lab4files$ ls -lhsGi
total 6.5M
2774212 -rw-rw-r-- 1 roy 2.5M Feb 22 2022 Linux.pdf
2774214 -rw-rw-r-- 1 roy 2.1M Feb 22 2022 Ubuntu.pdf
2774232 -rw-rw-r-- 1 roy 747K Feb 22 2022 document.docx
2774233 -rw-rw-r-- 1 roy 726K Feb 22 2022 globe.avi
2774216 -rw-rw-r-- 1 roy 278K Feb 22 2022 csvfile.csv
2774236 -rw-rw-r-- 1 roy 135K Feb 22 2022 website.html
2774213 -rw-rw-r-- 1 roy 42K Feb 22 2022 Tux.png
2774215 -rw-rw-r-- 1 roy 20K Feb 22 2022 countries.json
2774235 -rw-rw-r-- 1 roy 8.5K Feb 22 2022 sample.xls
2774234 -rw-rw-r-- 1 roy 76 Feb 22 2022 helloWorld.c
roy@cis106:~/lab4files$ ls -lhsXr
total 6.5M
-rw-rw-r-- 1 roy roy 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 roy roy 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 roy roy 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 roy roy 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 roy roy 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 roy roy 135K Feb 22 2022 website.html
-rw-rw-r-- 1 roy roy 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 roy roy 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 roy roy 76 Feb 22 2022 helloWorld.c
-rw-rw-r-- 1 roy roy 726K Feb 22 2022 globe.avi
roy@cis106:~/lab4files$

```

Question 3

```

Open  lab4_script_og.sh  Save
1 #!/bin/bash
2 down="$HOME/Downloads"
3 cls="$HOME/cis106"
4 msg1="The current directory is:"
5 msg2="\nAll files (including hidden files in) /"
6
7 echo "The current user is $USER. It's home directory is $HOME"
8 cd $HOME/Downloads
9 echo $msg1
10 pwd
11 cd $cls
12 echo $msg1
13 pwd
14 echo -e "$msg2 /"
15 ls -lA --color=auto /
16
17 echo -e "$msg2 $HOME"
18 ls -lA --color=auto $HOME
19
20 rtorres2@cis106:~/scripts$ bash lab4_script_og.sh
The current user is rtorres2. It's home directory is /home/rtorres2
The current directory is:
/home/rtorres2/Downloads
The current directory is:
/home/rtorres2/cis106

All files (including hidden files in) /
bin, boot, cdrom, dev, etc, home, lib, lib32, lib64, libx32, lost+found, media, mnt, opt, proc, root, run,/sbin, snap, srv, swapfile, sys, tmp, usr, var

All files (including hidden files in) /home/rtorres2
.bash_history, .bash_logout, .bashrc, .cache, cis106, .config, Desktop, Documents, .dotnet, Downloads, .fontconfig, .gitconfig, .gnupg, lab4files, .lessht, .local, local, Music,
Pictures, .pkt, practice, practicels, practicels.tar.xz, practicenkdir, .profile, Public, scripts, script.sh, snap, .ssh, .sudo_as_admin_successful, Templates,
.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-vmsvga-session-tty2-control.pid,
.vboxclient-vmsvga-session-tty2-service.pid, Videos, .vscode, wildcardpractice

All files (including hidden files in) /home/rtorres2/Downloads
code_1.86.1-1707298119_and64.deb, notes1_original.pdf, themes.tar.xz

All files (including hidden files in) /home/rtorres2/cis106
cheatSheets, finalproject, .git, labs, notes, practicenkdir, weekReports
rtorres2@cis106:~/scripts$

```

Question 4: Challenge Question

```

1: roy@cis106: ~
roy@cis106:~$ bash ~/cis106/labs/lab4/challenge.sh
Changing to: /home/roy/Pictures
Changing to: /home/roy/Videos
Current PWD: /home/roy/Videos
Previous PWD: /home/roy/Pictures
total 56K
drwxrwxr-x 8 roy roy 4.0K Oct  3 15:09 cis106
drwxrwxr-x 2 roy roy 4.0K Oct 10 18:37 Classwork
drwxr-xr-x 2 roy roy 4.0K Sep 17 20:25 Desktop
drwxr-xr-x 2 roy roy 4.0K Oct 10 18:47 Documents
drwxr-xr-x 3 roy roy 4.0K Oct 16 16:26 Downloads
-rw-rw-r-- 1 roy roy  82 Sep 17 21:38 error_librewolfinstaller.log
drwxrwxr-x 2 roy roy 4.0K Feb 22  2022 lab4files
drwxr-xr-x 2 roy roy 4.0K Sep 17 20:25 Music
drwxr-xr-x 3 roy roy 4.0K Oct 10 15:51 Pictures

```