

# lab 4

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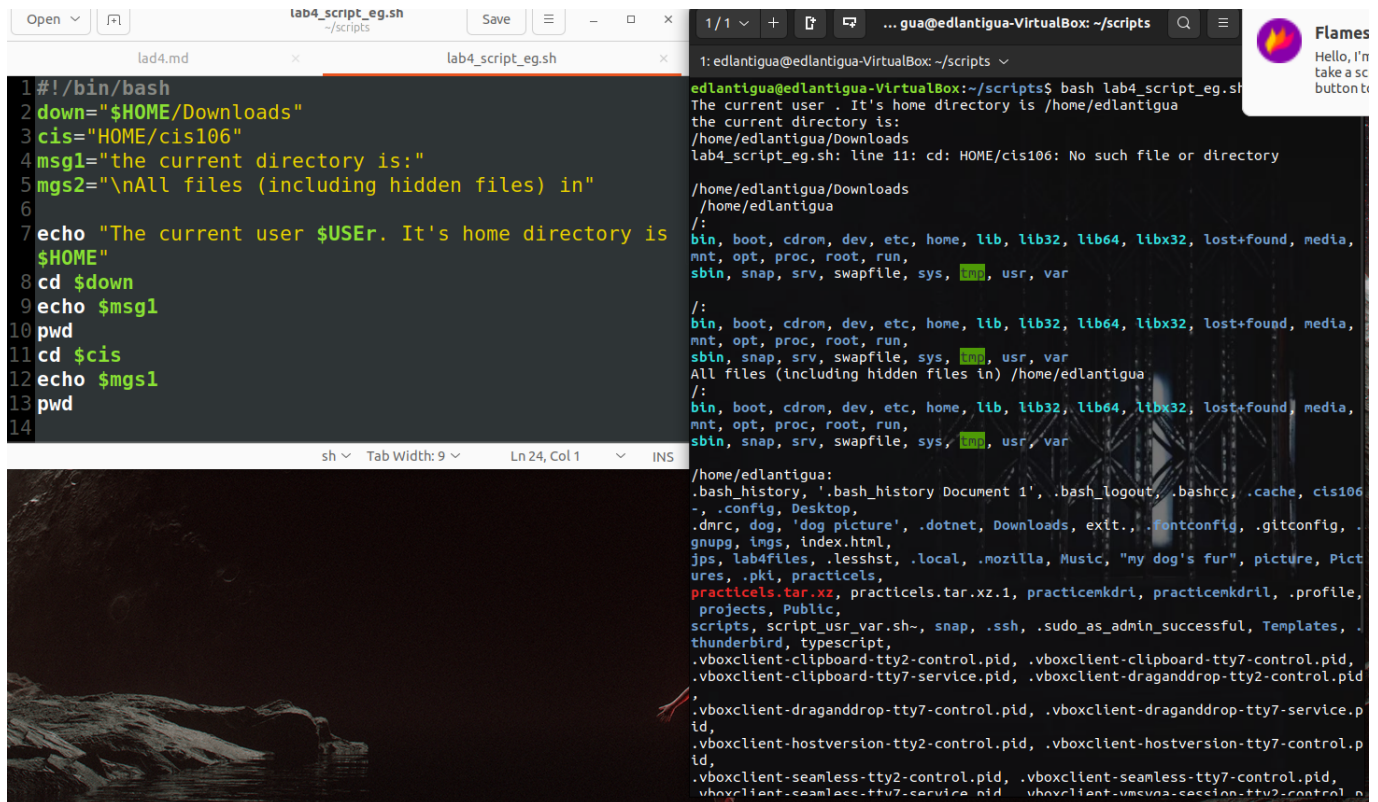
## Question 1

```
edlantigua@edlantigua-VirtualBox:~$ pwd
/home/edlantigua
edlantigua@edlantigua-VirtualBox:~$ cd /usr/share/themes/
edlantigua@edlantigua-VirtualBox:/usr/share/themes$ pwd
/usr/share/themes
edlantigua@edlantigua-VirtualBox:/usr/share/themes$ cd /
edlantigua@edlantigua-VirtualBox:/$ cd /snap/firefox/
bash: cd: /snap/firefox/: No such file or directory
edlantigua@edlantigua-VirtualBox:/$ cd /snap/firefox/
edlantigua@edlantigua-VirtualBox:/snap/firefox$ cd
edlantigua@edlantigua-VirtualBox:~$ cd Downloads/
edlantigua@edlantigua-VirtualBox:~/Downloads$ pwd
/home/edlantigua/Downloads
edlantigua@edlantigua-VirtualBox:~/Downloads$ pwd
/home/edlantigua/Downloads
edlantigua@edlantigua-VirtualBox:~/Downloads$ cd edlantigua/home/
```

## Question 2

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

## Question 3



```

1#!/bin/bash
2down="$HOME/Downloads"
3cis="$HOME/cis106"
4msg1="the current directory is:"
5msg2="\nAll files (including hidden files) in"
6
7echo "The current user $USER. It's home directory is $HOME"
8cd $down
9echo $msg1
10pwd
11cd $cis
12echo $msg2
13pwd
14
edlantigua@edlantigua-VirtualBox: ~/scripts
1: edlantigua@edlantigua-VirtualBox: ~/scripts$ bash lab4_script_eg.sh
The current user . It's home directory is /home/edlantigua
the current directory is:
/home/edlantigua/Downloads
lab4_script_eg.sh: line 11: cd: HOME/cis106: No such file or directory

/home/edlantigua/Downloads
/home/edlantigua
/:
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

/:
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/edlantigua
/:
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

/home/edlantigua:
.bash_history, '.bash_history Document 1', .bash_logout, .bashrc, .cache, cis106
-, .config, Desktop,
.dnrc, dog, 'dog picture', .dotnet, Downloads, extt., .fontconfig, .gitconfig, .
gnupg, imgs, index.html,
jps, lab4files, .lessht, .local, .mozilla, Music, "my dog's fur", picture, Pict
ures, .pkt, practicels,
practicels.tar.xz, practicels.tar.xz.1, practicenkdri, practicenkdri1, .profile,
projects, Public,
scripts, script_usr_var.sh~, snap, .ssh, .sudo_as_admin_successful, Templates, .
thunderbird, typescript,
.vboxclient-clipboard-tty2-control.pid, .vboxclient-clipboard-tty7-control.pid,
.vboxclient-clipboard-tty7-service.pid, .vboxclient-draganddrop-tty2-control.pid
.vboxclient-draganddrop-tty7-control.pid, .vboxclient-draganddrop-tty7-service.p
id,
.vboxclient-hostversion-tty2-control.pid, .vboxclient-hostversion-tty7-control.p
id,
.vboxclient-seamless-tty2-control.pid, .vboxclient-seamless-tty7-control.pid,
.vboxclient-seamless-tty7-service.pid, .vboxclient-vmtoolsd-session-tty2-control.

```

## Question 4 (challenge question)

### \*Script Source Code

```

edlantigua@edlantigua-VirtualBox:~/scripts$ bash C_lab4.sh.scripts
Changing to:      /home/edlantigua/Pictures
Changing to:      /home/edlantigua/Videos
current PWD:      /home/edlantigua/Videos
Previous PWD:     /home/edlantigua/Pictures
Long list of /home/edlantigua/cis106 total 16k
drwxrwxr-x 2 4.0k 02/07/24  cheatSheets
drwxrwxr-x 8 4.0k 02/07/24  git
drwxrwxr-x 4 4.0k 02/07/24  labs
drwxrwxr-x 4 4.0k 02/07/24  weeksReports
edlantigua@edlantigua-VirtualBox:~/scripts$

```