

Lab 4

Screenshots

Question 1

```
1 / 1 + [ ] ... : ~/Downloads 🔍 ☰ - □ ×  
2: jel@jel-Nitro-AN515-54: ~/Downloads ▾ □ ×  
jel@jel-Nitro-AN515-54:~$ pwd  
/home/jel  
jel@jel-Nitro-AN515-54:~$ cd /usr/share/themes  
jel@jel-Nitro-AN515-54:/usr/share/themes$ pwd  
/usr/share/themes  
jel@jel-Nitro-AN515-54:/usr/share/themes$ cd /  
jel@jel-Nitro-AN515-54:/$ cd /snap/firefox  
bash: cd: /snap/firefox: No such file or directory  
jel@jel-Nitro-AN515-54:/$ cd ~/jel/Downloads  
bash: cd: /home/jel/jel/Downloads: No such file or directory  
jel@jel-Nitro-AN515-54:/$ cd ~/Downloads  
jel@jel-Nitro-AN515-54:~/Downloads$  
  
2024-10-21 12:16 AM
```

```
1 / 1 + [ ] ...: ~/Documents 🔍 ☰ - □ ×  
2: jel@jel-Nitro-AN515-54: ~/Documents ▾ □ ×  
jel@jel-Nitro-AN515-54:~/Downloads$ cd  
jel@jel-Nitro-AN515-54:~$ cd Downloads  
jel@jel-Nitro-AN515-54:~/Downloads$ cd ../../  
jel@jel-Nitro-AN515-54:/$ echo "currently in root"  
currently in root  
jel@jel-Nitro-AN515-54:/$ pwd  
/  
jel@jel-Nitro-AN515-54:/$ cd ~/Documents  
jel@jel-Nitro-AN515-54:~/Documents$  
  
I
```

Question 2

```
1 / 1 + ...15-54: ~/lab4files Q ≡ - □ ×

2: jel@jel-Nitro-AN515-54: ~/lab4files □ ×

jel@jel-Nitro-AN515-54:/usr/share$ ls ~/lab4files
countries.json  document.docx  helloWorld.c  sample.xls  Ubuntu.pdf
csvfile.csv    globe.avi      Linux.pdf     Tux.png     website.html
jel@jel-Nitro-AN515-54:/usr/share$ cd ~/lab4files
jel@jel-Nitro-AN515-54:~/lab4files$ ls -lh
total 6.5M
-rw-rw-r-- 1 jel jel 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 jel jel 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 jel jel 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 jel jel 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 jel jel 76 Feb 22 2022 helloWorld.c
-rw-rw-r-- 1 jel jel 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 jel jel 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 jel jel 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 jel jel 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 jel jel 135K Feb 22 2022 website.html
jel@jel-Nitro-AN515-54:~/lab4files$ ls -lhs
total 6.5M
-rw-rw-r-- 1 jel jel 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 jel jel 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 jel jel 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 jel jel 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 jel jel 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 jel jel 135K Feb 22 2022 website.html
-rw-rw-r-- 1 jel jel 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 jel jel 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 jel jel 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 jel jel 76 Feb 22 2022 helloWorld.c
jel@jel-Nitro-AN515-54:~/lab4files$ ls -lhSgoi
total 6.5M
4601988 -rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf
4601990 -rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
4601995 -rw-rw-r-- 1 747K Feb 22 2022 document.docx
4601996 -rw-rw-r-- 1 726K Feb 22 2022 globe.avi
4601992 -rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
4601999 -rw-rw-r-- 1 135K Feb 22 2022 website.html
4601989 -rw-rw-r-- 1 42K Feb 22 2022 Tux.png
4601991 -rw-rw-r-- 1 20K Feb 22 2022 countries.json
4601998 -rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
4601997 -rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
jel@jel-Nitro-AN515-54:~/lab4files$ ls -xR

.:
countries.json csvfile.csv document.docx globe.avi helloWorld.c Linux.pdf sample.xls
Tux.png Ubuntu.pdf website.html
jel@jel-Nitro-AN515-54:~/lab4files$
```

Question 3

```
1 / 1 + [T] [R] Tilix: jel@jel-Nitro-AN515-54: ~/cis106/labs/lab4 [Q] [≡] - □ ×

1: jel@jel-Nitro-AN515-54: ~/cis106/labs/lab4 □ ×

jel@jel-Nitro-AN515-54:~/cis106/labs/lab4$ bash lab4script.sh
current user: jel, with home directory /home/jel
changing path to downloads...
current directory is:
/home/jel/Downloads

changing path to cis folder...
current directory is:
/home/jel/cis106

listing all files in /
bin, bin.usr-is-merged, boot, cdrom, dev, etc, home, lib, lib64, lib.usr-is-merged, lost+found, media, mnt,
opt, proc, root, run,/sbin, sbin.usr-is-merged, srv, swapfile, sys, timeshift, tmp, usr, var

listing all files in /home/jel
a, .aspnet, auto-cpufreq, .bash_history, .bash_logout, .bashrc, .cache, cis106, cis282, .config, .dbus,
Desktop, .dmrc, Documents, .dotnet, Downloads, .gitconfig, .gnupg, .gtkrc-2.0, .gtkrc-xfce, .hydrogen,
.ICEauthority, install.log, lab4files, .lessht, linuxmint, .local, .mixxx, .mozilla, .mplayer, Music, .nv,
.nvidia-settings-rc, Pictures, .pki, .profile, Public, .spicetify, .ssh, .steam, .steampath, .steampid,
.sudo_as_admin_successful, .telegram-cli, Templates, .var, vdpn, Videos, .viminfo, .vmware, vmware-jel,
.vscode, website, .wget-hsts, .wine, .Xauthority, .Xdefaults, .xsession-errors, .xsession-errors.old, .zoom

listing all files in /home/jel/Downloads
AllPotatoV2.7z, clonezilla-live-3.1.3-16-amd64.iso, fc2json.zip, flowerint2.jpg, gamemode-1.8.2.tar.xz,
GE-Proton9-15.tar.gz, gparted-live-1.6.0-10-amd64.iso, Hydrogen-1.2.3-x86_64.AppImage, lab4files.zip,
lab4_script.sh, linuxmint-21.2-cinnamon-64bit.iso, linuxmint-21.2-cinnamon-64bit.iso.torrent,
Renoise 3.4.4 Demo Linux x86_64, Renoise_3_4_4_Demo_Linux_x86_64.tar.gz, 'Robin Thicke - Lost Without U.ogg',
sober.flatpakref, SpleeterGUI_2.9.5.zip, tsetup.5.6.0.tar.xz,
VMware-Horizon-Client-2406-8.13.0-9995429239.x64.deb, zoom_amd64.deb, 'zoom bg.png'

listing all files in /home/jel/cis106
cheatSheets, .git, labs, notes, README.md, scripts, weekReports
jel@jel-Nitro-AN515-54:~/cis106/labs/lab4$
```

Question 4

```
1 / 1 + [ ] ... -AN515-54: ~/cis106/labs/lab4 Q ≡ _ □ ×

1: jel@jel-Nitro-AN515-54: ~/cis106/labs/lab4 ▾ □ ×

jel@jel-Nitro-AN515-54:~/cis106/labs/lab4$ bash lab4script2.sh
changing to:
/home/jel/Pictures
changing to:
/home/jel/Videos

current pwd:
/home/jel/Videos
previous pwd:
/home/jel/cis106/labs/lab4

Long list of /home/jel/cis106
total 24K
drwxrwxr-x 2 4.0K 10/12/2024 cheatSheets
drwxrwxr-x 6 4.0K 10/21/2024 labs
drwxrwxr-x 2 4.0K 10/20/2024 notes
-rw-rw-r-- 1 55 10/07/2024 README.md
drwxrwxr-x 3 4.0K 10/21/2024 scripts
drwxrwxr-x 6 4.0K 10/20/2024 weekReports
jel@jel-Nitro-AN515-54:~/cis106/labs/lab4$
```

Scripts

[script1](#) [script2](#)