

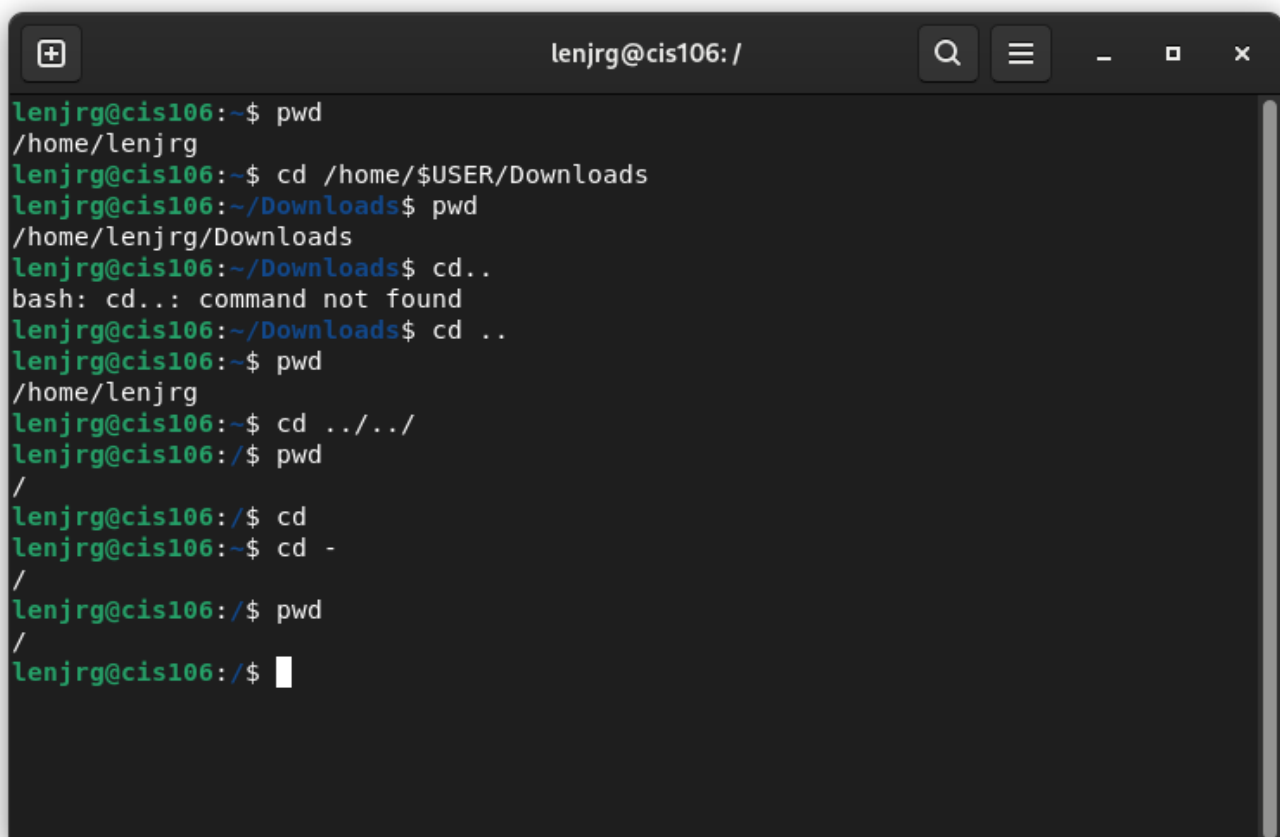
Week Report 5

Completed Work for Week 5

[Lab5 Notes4](#)

Practice 1: The Linux System

1.

A terminal window titled 'lenjrg@cis106: /' with standard window controls. The terminal shows a series of commands and their outputs for navigating the file system. The user starts in their home directory, moves to the Downloads folder, then back to the home directory, then to the root directory, and finally to a non-existent directory, which results in an error.

```
lenjrg@cis106:~$ pwd
/home/lenjrg
lenjrg@cis106:~$ cd /home/$USER/Downloads
lenjrg@cis106:~/Downloads$ pwd
/home/lenjrg/Downloads
lenjrg@cis106:~/Downloads$ cd..
bash: cd..: command not found
lenjrg@cis106:~/Downloads$ cd ..
lenjrg@cis106:~$ pwd
/home/lenjrg
lenjrg@cis106:~$ cd ../../
lenjrg@cis106:/$$ pwd
/
lenjrg@cis106:/$$ cd
lenjrg@cis106:~$ cd -
/
lenjrg@cis106:/$$ pwd
/
lenjrg@cis106:/$$
```

2.

```

lenjrg@cis106: ~/Desktop/practicels
total 2.9M
-rw-rw-r-- 1 1.5M Feb 27 2022 movie.mp4
-rw-rw-r-- 1 747K Feb 27 2022 song.mp3
-rw-rw-r-- 1 278K Feb 27 2022 people.csv
-rw-rw-r-- 1 160K Feb 27 2022 history-debian.pdf
-rw-rw-r-- 1 109K Feb 22 2022 homework.docx
-rw-rw-r-- 1 44K Jan 31 2020 tux-penguin.gif
-rw-rw-r-- 1 24K Feb 27 2022 countries.xml
-rw-rw-r-- 1 21K Feb 27 2022 tux-nobg.png
-rw-rw-r-- 1 1.1K Feb 27 2022 book.txt
lenjrg@cis106:~/Desktop/practicels$ ls -mr
tux-penguin.gif, tux-nobg.png, song.mp3, people.csv, movie.mp4, homework.docx,
history-debian.pdf, countries.xml, book.txt
lenjrg@cis106:~/Desktop/practicels$ ls -lX
people.csv
homework.docx
tux-penguin.gif
song.mp3
movie.mp4
history-debian.pdf
tux-nobg.png
book.txt
countries.xml
lenjrg@cis106:~/Desktop/practicels$

```

3.

```

lenjrg@cis106: ~
/home/lenjrg/cis106/final_project/deliverable1:
deliverable1.md

/home/lenjrg/cis106/cheats:
wk5path.png 'Screenshot from 2025-10-28 22-21-41.png'
lenjrg@cis106:~$ ls -lh ~
total 84K
-rw-r--r-- 1 lenjrg lenjrg 774 Oct 14 11:23 bastet
drwxrwxr-x 8 lenjrg lenjrg 4.0K Oct 27 12:03 cis106
drwxr-xr-x 3 lenjrg lenjrg 4.0K Nov 1 19:52 Desktop
drwxr-xr-x 3 lenjrg lenjrg 4.0K Oct 30 18:36 Documents
drwxr-xr-x 2 lenjrg lenjrg 4.0K Nov 1 19:50 Downloads
-rwxrwxr-x 1 lenjrg lenjrg 7.6K Sep 10 10:41 essentials.sh
drwxr-xr-x 2 lenjrg lenjrg 4.0K Sep 12 08:03 Music
drwxr-xr-x 3 lenjrg lenjrg 4.0K Oct 6 17:21 Pictures
drwxr-xr-x 2 lenjrg lenjrg 4.0K Sep 12 08:03 Public
-rw-r--r-- 1 lenjrg lenjrg 17K Oct 20 11:28 q
drwxrwxr-x 2 lenjrg lenjrg 4.0K Oct 29 19:53 scripts
drwx----- 4 lenjrg lenjrg 4.0K Oct 11 08:44 snap
drwxrwxr-x 4 lenjrg lenjrg 4.0K Oct 30 17:59 snapshots
drwxr-xr-x 2 lenjrg lenjrg 4.0K Sep 12 08:03 Templates
drwxr-xr-x 2 lenjrg lenjrg 4.0K Sep 12 08:03 Videos
-rwxrwxr-x 1 lenjrg lenjrg 2.5K Sep 10 10:41 vscode.sh
lenjrg@cis106:~$ ls -lgG -full-time ~

```

1.

```
lenjrg@cis106: ~
scripts/script_env_var.sh: line 4: unexpected EOF while looking for matching `''
lenjrg@cis106:~$ bash scripts/script_env_var.sh
The current user:lenjrg
The current shell:/bin/bash
The current user's home directory absolute path:/home/lenjrg
lenjrg@cis106:~$ echo $PATH
/usr/local/bin:/usr/bin:/bin:/usr/local/games:/usr/games:/snap/bin:/usr/bin:/usr
/bin
lenjrg@cis106:~$ echo $PATH
/usr/local/bin:/usr/bin:/bin:/usr/local/games:/usr/games:/snap/bin:/usr/bin:/usr
/bin
lenjrg@cis106:~$ bash scripts/script_env_var.sh
The current user:lenjrg
The current shell:/bin/bash
The current user's home directory absolute path:/home/lenjrg
scripts/script_env_var.sh: line 5: unexpected EOF while looking for matching `''
lenjrg@cis106:~$ bash scripts/script_env_var.sh
The current user:lenjrg
The current shell:/bin/bash
The current user's home directory absolute path:/home/lenjrg
The path variable:
 /usr/local/bin:/usr/bin:/bin:/usr/local/games:/usr/games:/snap/bin:/usr/bin:/us
r/bin
lenjrg@cis106:~$ s
```

2.

