

Lab 4

Question 1

```
mthamdan@cis106:~$ cd; ls =tX
ls: cannot access '=tX': No such file or directory
mthamdan@cis106:~$ pwd
/home/mthamdan
mthamdan@cis106:~$ cd /usr/share/themes/
mthamdan@cis106:/usr/share/themes$ cd /snap/firefox/
mthamdan@cis106:/snap/firefox$
```

Question 2

```
hamdan@cis106:~$ cd
hamdan@cis106:~$ cd Downloads/
hamdan@cis106:~/Downloads$ cd../ ../
sh: cd../: No such file or directory
hamdan@cis106:~/Downloads$ cd ../../
hamdan@cis106:/home$ pwd
/home
hamdan@cis106:/home$ cd mthamdan/Documents/
hamdan@cis106:~/Documents$ cd
hamdan@cis106:~$ pwd
/home/mthamdan
hamdan@cis106:~$ cd Downloads/
hamdan@cis106:~/Downloads$ cd mthamdan/Documents/
```

Question 4

```
ry: sudo apt install <deb name>
thamdan@cis106:~$ ipvs
pv4: command not found
thamdan@cis106:~$ cd
thamdan@cis106:~$ ipvs
pv4: command not found
thamdan@cis106:~$ echo 1 > /proc/sys/net/ipv4/ip_forward
ash: /proc/sys/net/ipv4/ip_forward: No such file or directory
thamdan@cis106:~$
thamdan@cis106:~$ /proc/ipv4
ash: /proc/ipv4: No such file or directory
thamdan@cis106:~$ /proc
ash: /proc: Is a directory
thamdan@cis106:~$ proc
command 'proc' not found, did you mean:
command 'phoc' from deb phoc (0.13.1-2)
command 'pro' from deb ubuntu-advantage-tools (29.4~22.04)
command 'proj' from deb proj-bin (8.2.1-1)
command 'nproc' from deb coreutils (8.32-4.1ubuntu1)
ry: sudo apt install <deb name>
thamdan@cis106:~$ / proc
ash: /: Is a directory
thamdan@cis106:~$ ipvs
pv4: command not found
thamdan@cis106:~$ / proc/ipv4
ash: /: Is a directory
thamdan@cis106:~$ / usr
ash: /: Is a directory
thamdan@cis106:~$ / usr/share/backgrounds
ash: /: Is a directory
thamdan@cis106:~$ ls
cis106  Documents  Music      Public  Templates
Desktop Downloads Pictures  snap    Videos
thamdan@cis106:~$ ls /cis106
ls: cannot access '/cis106': No such file or directory
thamdan@cis106:~$ -ls
command '-ls' not found, did you mean:
command 'rls' from snap rustup (1.24.3)
command 'jls' from deb sleuthkit (4.11.1+dfsg-1)
command 'ols' from deb speech-tools (1:2.5.0-12)
command 'ils' from deb sleuthkit (4.11.1+dfsg-1)
command 'fls' from deb sleuthkit (4.11.1+dfsg-1)
command 'hls' from deb hfsutils (3.2.6-15build2)
command 'als' from deb atool (0.39.0-11)
command 'ls' from deb coreutils (8.32-4.1ubuntu1)
see 'snap info <snapname>' for additional versions.
```

Question 5

```
mthamdan@cis106:/usr/share/themes/Adwaita$ cd ~Documents
bash: cd: ~Documents: No such file or directory
mthamdan@cis106:/usr/share/themes/Adwaita$ cd ~/documents
bash: cd: /home/mthamdan/documents: No such file or directory
mthamdan@cis106:/usr/share/themes/Adwaita$ cd ~
mthamdan@cis106:~$ documents
documents: command not found
mthamdan@cis106:~$ /documents
bash: /documents: No such file or directory
mthamdan@cis106:~$ CD /documents
CD: command not found
mthamdan@cis106:~$ cd ~ /documents
bash: cd: too many arguments
mthamdan@cis106:~$ cd ~
mthamdan@cis106:~$ /documents
bash: /documents: No such file or directory
mthamdan@cis106:~$ cd ~/documents
bash: cd: /home/mthamdan/documents: No such file or directory
mthamdan@cis106:~$ cd ~/Documents
mthamdan@cis106:~/Documents$
```