

Week Report 4

Practice 1

```
mthamdan@cis106: ~  
thamdan@cis106:~$ /home/$user/Downloads  
ash: /home//Downloads: No such file or directory  
thamdan@cis106:~$ pwd  
home/mthamdan  
thamdan@cis106:~$ cd downloads  
ash: cd: downloads: No such file or directory  
thamdan@cis106:~$ cd ~/Downloads  
thamdan@cis106:~/Downloads$ cd $Home  
thamdan@cis106:~$ cd + destination  
ash: cd: too many arguments  
thamdan@cis106:~$
```

Practice 2

```
'3270(1).zip'      practicels      'Virtualization(1).png'  
'70.zip'           practicels.tar.xz  'Virtualization.png'  
thamdan@cis106:~/Downloads$ ls -la  
total 228K  
'3270(1).zip'      practicels      'Virtualization(1).png'  
'3270.zip'         practicels.tar.xz  'Virtualization.png'  
thamdan@cis106:~/Downloads$ ls -l  
total 228K  
-rw-r--r-- 1 mthamdan mthamdan 10514877 Oct  2 17:43 '3270(1).zip'  
-rw-r--r-- 1 mthamdan mthamdan 10514877 Oct  2 17:43 3270.zip  
-rwxr-xr-x 2 mthamdan mthamdan  4096 Feb 27  2022 practicels  
-rw-r--r-- 1 mthamdan mthamdan 2229212 Oct 17 17:23 practicels.tar.xz  
-rw-r--r-- 1 mthamdan mthamdan  49093 Sep 24 18:48 'Virtualization(1).png'  
-rw-r--r-- 1 mthamdan mthamdan  49093 Sep 24 18:47 Virtualization.png  
thamdan@cis106:~/Downloads$ ls -lh  
ls: command not found  
thamdan@cis106:~/Downloads$ ls -lh  
total 23M  
-rw-r--r-- 1 mthamdan mthamdan  11M Oct  2 17:43 '3270(1).zip'  
-rw-r--r-- 1 mthamdan mthamdan  11M Oct  2 17:43 3270.zip  
-rwxr-xr-x 2 mthamdan mthamdan  4.0K Feb 27  2022 practicels  
-rw-r--r-- 1 mthamdan mthamdan  2.2M Oct 17 17:23 practicels.tar.xz  
-rw-r--r-- 1 mthamdan mthamdan  48K Sep 24 18:48 'Virtualization(1).png'  
-rw-r--r-- 1 mthamdan mthamdan  48K Sep 24 18:47 Virtualization.png  
thamdan@cis106:~/Downloads$ ls -lht  
total 23M  
-rw-r--r-- 1 mthamdan mthamdan  2.2M Oct 17 17:23 practicels.tar.xz  
-rw-r--r-- 1 mthamdan mthamdan  11M Oct  2 17:43 '3270(1).zip'  
-rw-r--r-- 1 mthamdan mthamdan  11M Oct  2 17:43 3270.zip  
-rw-r--r-- 1 mthamdan mthamdan  48K Sep 24 18:48 'Virtualization(1).png'  
-rw-r--r-- 1 mthamdan mthamdan  48K Sep 24 18:47 Virtualization.png  
-rwxr-xr-x 2 mthamdan mthamdan  4.0K Feb 27  2022 practicels  
thamdan@cis106:~/Downloads$ ls -lhgs  
total 23M  
-rw-r--r-- 1 mthamdan  11M Oct  2 17:43 '3270(1).zip'  
-rw-r--r-- 1 mthamdan  11M Oct  2 17:43 3270.zip  
-rw-r--r-- 1 mthamdan  2.2M Oct 17 17:23 practicels.tar.xz  
-rw-r--r-- 1 mthamdan  48K Sep 24 18:48 'Virtualization(1).png'  
-rw-r--r-- 1 mthamdan  48K Sep 24 18:47 Virtualization.png  
-rwxr-xr-x 2 mthamdan  4.0K Feb 27  2022 practicels  
thamdan@cis106:~/Downloads$ ls -mr  
Virtualization.png, 'Virtualization(1).png', practicels.tar.xz, practicels,  
'3270(1).zip', '3270.zip'  
thamdan@cis106:~/Downloads$ ls -lx  
'3270(1).zip'      3270.zip      practicels      practicels.tar.xz  
'Virtualization(1).png' Virtualization.png  
thamdan@cis106:~/Downloads$
```

Pratice Challenge

```
Virtualization.png, Virtualization(1).png, practicels.tar.xz, practicels,
0.zip, '3270(1).zip'
amdan@c1s106:~/Downloads$ ls -lx
70(1).zip'      3270.zip      practicels      practicels.tar.xz
rtualization(1).png'  Virtualization.png
amdan@c1s106:~/Downloads$ pwd
me/mthamdan/Downloads
amdan@c1s106:~/Downloads$ cd
amdan@c1s106:~$ cd /
amdan@c1s106:/$ cd usr/share/themes
amdan@c1s106:/usr/share/themes$ cd ../ ../
h: cd: too many arguments
amdan@c1s106:/usr/share/themes$ ls -A-
invalid option -- '-'
'ls --help' for more information.
amdan@c1s106:/usr/share/themes$ cd usr/share/themes
h: cd: usr/share/themes: No such file or directory
amdan@c1s106:/usr/share/themes$ cd ../../
amdan@c1s106:/usr$ ls -A ~
sh_history      .profile
sh_logout      Public
shrc            snap
che             .ssh
106             .sudo_as_admin_successful
s106.png        Templates
nfig            .thunderbird
ktop            .vboxclient-clipboard-tty2-control.pid
uments          .vboxclient-clipboard-tty2-service.pid
tnet            .vboxclient-draganddrop-tty2-control.pid
nloads          .vboxclient-draganddrop-tty2-service.pid
tconfig         .vboxclient-hostversion-tty2-control.pid
upg             .vboxclient-seamless-tty2-control.pid
cal             .vboxclient-seamless-tty2-service.pid
zilla           .vboxclient-vmsvga-session-tty2-control.pid
ic              .vboxclient-vmsvga-session-tty2-service.pid
tures           Videos
i               varcode
```

Table Command

| Command | What it does | Syntax | Example |
|------------------|---|------------------------|------------------|
| pwd | Displays the current working directory | pwd | ~pwd |
| cd | Changes the working directory | cd + destination cd | cd ~,cd home ~ |
| ls | list the content of current directory | ls | ~ls |
| ls -a | list all current working and hidden files | user:ls -a | ls -a |
| ls -a ~/pictures | lists all the files ina given directory | user: ls -a ~/Pictures | ls -a ~/pictures |