lisha@Lisha:~$ df -h

Filesystem Size Used Avail Use% Mounted on

none 3.9G 4.0K 3.9G 1% /mnt/wsl

drivers 183G 71G 112G 39% /usr/lib/wsl/drivers

none 3.9G 0 3.9G 0% /usr/lib/modules

none 3.9G 0 3.9G 0% /usr/lib/modules/5.15.153.1-microsoft-standard-WSL2

/dev/sdc 1007G 1.3G 955G 1% /

none 3.9G 84K 3.9G 1% /mnt/wslg

none 3.9G 0 3.9G 0% /usr/lib/wsl/lib

rootfs 3.9G 2.1M 3.9G 1% /init

none 3.9G 832K 3.9G 1% /run

none 3.9G 0 3.9G 0% /run/lock

none 3.9G 0 3.9G 0% /run/shm

tmpfs 4.0M 0 4.0M 0% /sys/fs/cgroup

none 3.9G 76K 3.9G 1% /mnt/wslg/versions.txt

none 3.9G 76K 3.9G 1% /mnt/wslg/doc

C:\ 183G 71G 112G 39% /mnt/c

D:\ 147G 24G 124G 16% /mnt/d

E:\ 147G 6.8G 140G 5% /mnt/e

snapfuse 128K 128K 0 100% /snap/bare/5

snapfuse 74M 74M 0 100% /snap/core22/864

snapfuse 92M 92M 0 100% /snap/gtk-common-themes/1535

snapfuse 41M 41M 0 100% /snap/snapd/20290

snapfuse 132M 132M 0 100% /snap/ubuntu-desktop-installer/1276

/dev/sdb 2.0G 28K 1.8G 1% /mnt/myebs

lisha@Lisha:~$ ls -ld /mnt/myebs/website

drwxr-xr-x 2 root root 4096 Sep 14 22:14 /mnt/myebs/website

lisha@Lisha:~$ echo "Test content" > /home/lisha/testfile.txt

cp /home/lisha/testfile.txt /mnt/myebs/website/

cp: cannot create regular file '/mnt/myebs/website/testfile.txt': Permission denied

lisha@Lisha:~$ echo "Test content" > /home/lisha/testfile.txt

lisha@Lisha:~$ cp /home/lisha/testfile.txt /mnt/myebs/website/

cp: cannot create regular file '/mnt/myebs/website/testfile.txt': Permission denied

lisha@Lisha:~$ mv myfile.txt website

mv: cannot stat 'myfile.txt': No such file or directory

lisha@Lisha:~$ pwd

/home/lisha

lisha@Lisha:~$ ls -l

total 12

-rw-r--r-- 1 lisha lisha 59 Sep 14 22:48 myfile

drwx------ 3 lisha lisha 4096 Sep 14 22:43 snap

-rw-r--r-- 1 lisha lisha 13 Sep 14 22:59 testfile.txt

lisha@Lisha:~$ mv myfile /mnt/myebs/website/

mv: cannot create regular file '/mnt/myebs/website/myfile': Permission denied

lisha@Lisha:~$ ls -ld /mnt/myebs/website

drwxr-xr-x 2 root root 4096 Sep 14 22:14 /mnt/myebs/website

lisha@Lisha:~$ sudo chown lisha:lisha /mnt/myebs/website

sudo chmod 755 /mnt/myebs/website

[sudo] password for lisha:

lisha@Lisha:~$ ls -ld /mnt/myebs/website

drwxr-xr-x 2 lisha lisha 4096 Sep 14 22:14 /mnt/myebs/website

lisha@Lisha:~$ mount | grep /mnt/myebs

/dev/sdb on /mnt/myebs type ext4 (rw,relatime)

lisha@Lisha:~$ sudo umount /mnt/myebs

lisha@Lisha:~$ sudo mount /dev/xvdf /mnt/myebs

mount: /mnt/myebs: special device /dev/xvdf does not exist.

lisha@Lisha:~$ sudo mount /dev/xvda /mnt/myebs

mount: /mnt/myebs: special device /dev/xvda does not exist.

lisha@Lisha:~$ sudo mount /dev/sdb /mnt/myebs

lisha@Lisha:~$ sudo mkdir -p /mnt/myebs/website

lisha@Lisha:~$ sudo chown lisha:lisha /mnt/myebs/website

lisha@Lisha:~$ sudo chmod 755 /mnt/myebs/website

lisha@Lisha:~$ ls -ld /mnt/myebs/website

drwxr-xr-x 2 lisha lisha 4096 Sep 14 22:14 /mnt/myebs/website

lisha@Lisha:~$ sudo chown lisha:lisha /mnt/myebs/website

lisha@Lisha:~$ sudo chmod 755 /mnt/myebs/website

lisha@Lisha:~$ mount | grep /mnt/myebs

/dev/sdb on /mnt/myebs type ext4 (rw,relatime)

lisha@Lisha:~$ echo "This is a test file." > /home/lisha/myfile.txt

lisha@Lisha:~$ mv /home/lisha/myfile.txt /mnt/myebs/website/

lisha@Lisha:~$ ls /mnt/myebs/website/

myfile.txt

lisha@Lisha:~$ sudo systemctl status apache2

● apache2.service - The Apache HTTP Server

Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)

Active: active (running) since Sat 2024-09-14 22:03:51 IST; 1h 13min ago

Docs: https://httpd.apache.org/docs/2.4/

Main PID: 1842 (apache2)

Tasks: 55 (limit: 9376)

Memory: 20.9M

CGroup: /system.slice/apache2.service

├─1842 /usr/sbin/apache2 -k start

├─1843 /usr/sbin/apache2 -k start

└─1844 /usr/sbin/apache2 -k start

Sep 14 22:03:51 Lisha systemd[1]: Starting The Apache HTTP Server...

Sep 14 22:03:51 Lisha systemd[1]: Started The Apache HTTP Server.

lisha@Lisha:~$ ls -l /var/www/html/website

ls: cannot access '/var/www/html/website': No such file or directory

lisha@Lisha:~$ sudo ln -s /mnt/myebs/website /var/www/html/website

lisha@Lisha:~$ ls -l /var/www/html/

total 12

-rw-r--r-- 1 root root 10671 Sep 14 22:02 index.html

lrwxrwxrwx 1 root root 18 Sep 14 23:18 website -> /mnt/myebs/website

lisha@Lisha:~$ sudo chown -R www-data:www-data /mnt/myebs/website

sudo chmod -R 755 /mnt/myebs/website

lisha@Lisha:~$ sudo chmod -R 755 /mnt/myebs/website

lisha@Lisha:~$ sudo chown -R www-data:www-data /mnt/myebs/website

lisha@Lisha:~$ sudo systemctl restart apache2

lisha@Lisha:~$ sudo systemctl status apache2

● apache2.service - The Apache HTTP Server

Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)

Active: active (running) since Sat 2024-09-14 23:18:57 IST; 21s ago

Docs: https://httpd.apache.org/docs/2.4/

Process: 2612 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)

Main PID: 2616 (apache2)

Tasks: 55 (limit: 9376)

Memory: 17.2M

CGroup: /system.slice/apache2.service

├─2616 /usr/sbin/apache2 -k start

├─2617 /usr/sbin/apache2 -k start

└─2618 /usr/sbin/apache2 -k start

Sep 14 23:18:57 Lisha systemd[1]: Starting The Apache HTTP Server...

Sep 14 23:18:57 Lisha systemd[1]: Started The Apache HTTP Server.

lisha@Lisha:~$ ls -l /var/www/html/website

lrwxrwxrwx 1 root root 18 Sep 14 23:18 /var/www/html/website -> /mnt/myebs/website

lisha@Lisha:~$ sudo nano /etc/apache2/sites-available/000-default.conf

lisha@Lisha:~$ sudo ufw status

Status: inactive

lisha@Lisha:~$ sudo ufw allow 'Apache Full'

Rules updated

Rules updated (v6)

lisha@Lisha:~$ sudo iptables -L

Chain INPUT (policy ACCEPT)

target prot opt source destination

Chain FORWARD (policy ACCEPT)

target prot opt source destination

Chain OUTPUT (policy ACCEPT)

target prot opt source destination

lisha@Lisha:~$ curl http://localhost/website

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">

<html><head>

<title>301 Moved Permanently</title>

</head><body>

<h1>Moved Permanently</h1>

<p>The document has moved <a href="http://localhost/website/">here</a>.</p>

<hr>

<address>Apache/2.4.52 (Ubuntu) Server at localhost Port 80</address>

</body></html>

lisha@Lisha:~$ sudo nano /etc/apache2/sites-available/000-default.conf

lisha@Lisha:~$ sudo nano /mnt/myebs/website/.htaccess

lisha@Lisha:~$ curl -I http://localhost/website

HTTP/1.1 301 Moved Permanently

Date: Sat, 14 Sep 2024 17:57:03 GMT

Server: Apache/2.4.52 (Ubuntu)

Location: http://localhost/website/

Content-Type: text/html; charset=iso-8859-1

lisha@Lisha:~$ curl -I http://localhost/website