```
monika20@monika20-Lenovo-G50-70:~$ pwd
/home/monika20
monika20@monika20-Lenovo-G50-70:~$ ls
Desktop      edited_Lab_Using_HDF_Commands.pdf   Pictures   Templates
Documents    Monika.pem                          Public     Videos
Downloads    Music                               snap
monika20@monika20-Lenovo-G50-70:~$ mkdir guvi
monika20@monika20-Lenovo-G50-70:~$ cd guvi/
monika20@monika20-Lenovo-G50-70:~/guvi$ cat>index.html
 <!DOCTYPE html>
<html>
<body>

<h1>My First Heading</h1>
<p>My first paragraph.</p>

</body>
</html>
monika20@monika20-Lenovo-G50-70:~/guvi$ cat index.html
 <!DOCTYPE html>
<html>
<body>

<h1>My First Heading</h1>
<p>My first paragraph.</p>

</body>
</html>
monika20@monika20-Lenovo-G50-70:~/guvi$ cat>index1.html
monika20@monika20-Lenovo-G50-70:~/guvi$ cp index.html index1.html
monika20@monika20-Lenovo-G50-70:~/guvi$ cat index1.html
 <!DOCTYPE html>
<html>
<body>

<h1>My First Heading</h1>
<p>My first paragraph.</p>

</body>
```

```html
<html>
<body>

<h1>My First Heading</h1>
<p>My first paragraph.</p>

</body>
</html>
```
monika20@monika20-Lenovo-G50-70:~/guvi$ mv guvi GUVI
mv: cannot stat 'guvi': No such file or directory
monika20@monika20-Lenovo-G50-70:~/guvi$ cd
monika20@monika20-Lenovo-G50-70:~$ mv guvi GUVI
monika20@monika20-Lenovo-G50-70:~$ ls
Desktop   edited_Lab_Using_HDF_Commands.pdf   Music   snap
Documents   GUVI   Pictures   Templates
Downloads   Monika.pem   Public   Videos
monika20@monika20-Lenovo-G50-70:~$ cd GUVI/
monika20@monika20-Lenovo-G50-70:~/GUVI$ touch index2.html
monika20@monika20-Lenovo-G50-70:~/GUVI$ ls
index1.html   index2.html   index.html
monika20@monika20-Lenovo-G50-70:~/GUVI$ ln -s /GUVI/ /index3.html/
ln: target '/index3.html/' is not a directory: No such file or directory
monika20@monika20-Lenovo-G50-70:~/GUVI$ cd
monika20@monika20-Lenovo-G50-70:~$ cd
monika20@monika20-Lenovo-G50-70:~$ touch index3.html
monika20@monika20-Lenovo-G50-70:~$ cd GUVI/
monika20@monika20-Lenovo-G50-70:~/GUVI$ ln -s /GUVI/ /index3.html/
ln: target '/index3.html/' is not a directory: No such file or directory
monika20@monika20-Lenovo-G50-70:~/GUVI$ cd
monika20@monika20-Lenovo-G50-70:~$ cd
monika20@monika20-Lenovo-G50-70:~$ ln -s /GUVI/ /index3.html/
ln: target '/index3.html/' is not a directory: No such file or directory
monika20@monika20-Lenovo-G50-70:~$ ln -s /GUVI/www/ /index3.html/
ln: target '/index3.html/' is not a directory: No such file or directory
monika20@monika20-Lenovo-G50-70:~$ ln -s/GUVI/ /index3.html/
ln: invalid option -- '/'
Try 'ln --help' for more information.
monika20@monika20-Lenovo-G50-70:~$ cd GUVI/
monika20@monika20-Lenovo-G50-70:~/GUVI$ ln -s /GUVI/ /index3.html/

```
Try 'ln --help' for more information.
monika20@monika20-Lenovo-G50-70:~$ cd GUVI/
monika20@monika20-Lenovo-G50-70:~/GUVI$ ln -s /GUVI/ /index3.html/
ln: target '/index3.html/' is not a directory: No such file or directory
monika20@monika20-Lenovo-G50-70:~/GUVI$ ls
index1.html  index2.html  index.html
monika20@monika20-Lenovo-G50-70:~/GUVI$ df -h
Filesystem      Size  Used Avail Use% Mounted on
udev            1.9G     0  1.9G   0% /dev
tmpfs           383M  1.8M  381M   1% /run
/dev/sda8       194G  9.4G  174G   6% /
tmpfs           1.9G   76M  1.8G   4% /dev/shm
tmpfs           5.0M  4.0K  5.0M   1% /run/lock
tmpfs           1.9G     0  1.9G   0% /sys/fs/cgroup
/dev/loop0       98M   98M     0 100% /snap/core/9993
/dev/loop1       63M   63M     0 100% /snap/gtk-common-themes/1506
/dev/loop4       32M   32M     0 100% /snap/snapd/10492
/dev/loop3       52M   52M     0 100% /snap/snap-store/498
/dev/loop6       56M   56M     0 100% /snap/core18/1885
/dev/loop5       56M   56M     0 100% /snap/core18/1932
/dev/loop2      218M  218M     0 100% /snap/gnome-3-34-1804/60
/dev/loop7      9.2M  9.2M     0 100% /snap/canonical-livepatch/95
/dev/loop8       65M   65M     0 100% /snap/gtk-common-themes/1514
/dev/loop9       31M   31M     0 100% /snap/snapd/9279
/dev/loop11     256M  256M     0 100% /snap/gnome-3-34-1804/36
/dev/loop12      50M   50M     0 100% /snap/snap-store/467
/dev/loop10      98M   98M     0 100% /snap/core/10444
/dev/sda2       256M   35M  222M  14% /boot/efi
tmpfs           383M   60K  383M   1% /run/user/1000
monika20@monika20-Lenovo-G50-70:~/GUVI$  <!DOCTYPE html>
bash: !DOCTYPE: event not found
monika20@monika20-Lenovo-G50-70:~/GUVI$ <html>
bash: syntax error near unexpected token `newline'
monika20@monika20-Lenovo-G50-70:~/GUVI$ <body>
bash: syntax error near unexpected token `newline'
monika20@monika20-Lenovo-G50-70:~/GUVI$
monika20@monika20-Lenovo-G50-70:~/GUVI$ <h1>My First Heading</h1>
bash: syntax error near unexpected token `newline'
monika20@monika20-Lenovo-G50-70:~/GUVI$ <p>My first paragraph.</p>
```

```
monika20@monika20-Lenovo-G50-70:~/GUVI$ du -sh /home/monika20/GUVI
12K     /home/monika20/GUVI
monika20@monika20-Lenovo-G50-70:~/GUVI$ free -h
              total        used        free      shared  buff/cache   available
Mem:          3.7Gi       1.9Gi       331Mi       237Mi       1.5Gi       1.4Gi
Swap:         2.0Gi          0B       2.0Gi
monika20@monika20-Lenovo-G50-70:~/GUVI$ ifconfig -a

Command 'ifconfig' not found, but can be installed with:

sudo apt install net-tools

monika20@monika20-Lenovo-G50-70:~/GUVI$ sudo apt install net-tools
[sudo] password for monika20:
Sorry, try again.
[sudo] password for monika20:
Sorry, try again.
[sudo] password for monika20:
sudo: 3 incorrect password attempts
monika20@monika20-Lenovo-G50-70:~/GUVI$ sudo apt install net-tools
[sudo] password for monika20:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
  net-tools
0 upgraded, 1 newly installed, 0 to remove and 330 not upgraded.
Need to get 196 kB of archives.
After this operation, 864 kB of additional disk space will be used.
Get:1 http://in.archive.ubuntu.com/ubuntu focal/main amd64 net-tools amd64 1.60+git20180626.aebd88e-1ubuntu1 [196 kB]
Fetched 196 kB in 0s (521 kB/s)
Selecting previously unselected package net-tools.
(Reading database ... 179687 files and directories currently installed.)
Preparing to unpack .../net-tools_1.60+git20180626.aebd88e-1ubuntu1_amd64.deb ..
.
Unpacking net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Setting up net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Processing triggers for man-db (2.9.1-1) ...
```

```
Unpacking net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Setting up net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Processing triggers for man-db (2.9.1-1) ...
monika20@monika20-Lenovo-G50-70:~/GUVI$ ifconfig -a
enp1s0: flags=4099<UP,BROADCAST,MULTICAST>  mtu 1500
        ether 68:f7:28:53:ae:15  txqueuelen 1000  (Ethernet)
        RX packets 0  bytes 0 (0.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 0  bytes 0 (0.0 B)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        inet6 ::1  prefixlen 128  scopeid 0x10<host>
        loop  txqueuelen 1000  (Local Loopback)
        RX packets 3341  bytes 335457 (335.4 KB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 3341  bytes 335457 (335.4 KB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

wlp2s0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 192.168.0.16  netmask 255.255.255.0  broadcast 192.168.0.255
        inet6 fe80::d57:95f5:fc7c:2887  prefixlen 64  scopeid 0x20<link>
        ether d0:7e:35:62:f7:a5  txqueuelen 1000  (Ethernet)
        RX packets 26642  bytes 23145866 (23.1 MB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 18780  bytes 3042510 (3.0 MB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

monika20@monika20-Lenovo-G50-70:~/GUVI$ uname -a
Linux monika20-Lenovo-G50-70 5.4.0-39-generic #43-Ubuntu SMP Fri Jun 19 10:28:31 UTC 2020 x86_64 x86_64 x86_64 GNU/Linux
monika20@monika20-Lenovo-G50-70:~/GUVI$ man config
monika20@monika20-Lenovo-G50-70:~/GUVI$
monika20@monika20-Lenovo-G50-70:~/GUVI$ man sudo
monika20@monika20-Lenovo-G50-70:~/GUVI$ history
    1  cd ..
    2  cd
    3  sudo ssh -i Monika.pem hadoop@54.227.151.130
    4  cd ..
```

```
monika20@monika20-Lenovo-G50-70:~/GUVI$
monika20@monika20-Lenovo-G50-70:~/GUVI$ man sudo
monika20@monika20-Lenovo-G50-70:~/GUVI$ history
    1  cd ..
    2  cd
    3  sudo ssh -i Monika.pem hadoop@54.227.151.130
    4  cd ..
    5  cd
    6  sudo ssh -i Monika.pem hadoop@54.227.151.130
    7  cd ..
    8  cd
    9  sudo ssh -i Monika.pem hadoop@54.227.151.130
   10  pwd
   11  ls
   12  mkdir guvi
   13  cd guvi/
   14  pwd
   15  mkdir index.html
   16  ls
   17  cd index.html/
   18  cd~
   19  sudo
   20  cd index.html/
   21  w
   22  cd
   23  ls
   24  pwd
   25  cd guvi/
   26  cd index.html-p/
   27  W
   28  mkdir in.html-R
   29  pwd
   30  cd guvi/
   31  cd index.html/
   32  cat index.html
   33  cd
   34  cd guvi/
   35  cat index.html
   36  ls - R
```

```
monika20@monika20-Lenovo-G50-70:~/GUVI$ rm -rf index1.html
monika20@monika20-Lenovo-G50-70:~/GUVI$ rm -rf index2.html
monika20@monika20-Lenovo-G50-70:~/GUVI$ rm -rf index.html
monika20@monika20-Lenovo-G50-70:~/GUVI$ ls
monika20@monika20-Lenovo-G50-70:~/GUVI$ cd
monika20@monika20-Lenovo-G50-70:~$ ls
Desktop     edited_Lab_Using_HDF_Commands.pdf  Monika.pem   Public      Videos
Documents   GUVI                                Music        snap
Downloads   index3.html                         Pictures     Templates
monika20@monika20-Lenovo-G50-70:~$ rmdir indexx3.html
rmdir: failed to remove 'indexx3.html': No such file or directory
monika20@monika20-Lenovo-G50-70:~$ rm -rf GUVI
monika20@monika20-Lenovo-G50-70:~$ ls
Desktop     edited_Lab_Using_HDF_Commands.pdf  Music        snap
Documents   index3.html                         Pictures     Templates
Downloads   Monika.pem                          Public       Videos
monika20@monika20-Lenovo-G50-70:~$ rmdir indexx3.html
rmdir: failed to remove 'indexx3.html': No such file or directory
monika20@monika20-Lenovo-G50-70:~$ cd
monika20@monika20-Lenovo-G50-70:~$ ls
Desktop     edited_Lab_Using_HDF_Commands.pdf  Music        snap
Documents   index3.html                         Pictures     Templates
Downloads   Monika.pem                          Public       Videos
monika20@monika20-Lenovo-G50-70:~$ rmdir index3.html
rmdir: failed to remove 'index3.html': Not a directory
monika20@monika20-Lenovo-G50-70:~$ rm -r index3.html
monika20@monika20-Lenovo-G50-70:~$ ls
Desktop     edited_Lab_Using_HDF_Commands.pdf  Pictures     Templates
Documents   Monika.pem                          Public       Videos
Downloads   Music                               snap
```