

mkdir muskan  
touch sample1  
cat > sample1  
cat > sample1  
This is sample file.~\$  
touch demo1  
cat > demo1  
This is a demo file.  
cat demo1  
This is a demo file.  
cat sample1  
This is sample file.~\$  
stat demo1  
File: demo1  
Size: 0 Blocks: 1 IO Block: 131072 regular empty file  
Device: 2000cch/2097356d Inode: 134 Links: 1  
Access: (0644/-rw-r--r--) Uid: ( 2001/ user) Gid: ( 2001/ user)  
Access: 2022-10-12 16:10:10.247892619 +0000  
Modify: 2022-10-12 16:10:10.247892619 +0000  
Change: 2022-10-12 16:10:10.247892619 +0000  
Birth: -  
stat sample1  
File: sample1  
Size: 20 Blocks: 2 IO Block: 512 regular file  
Device: 2000cch/2097356d Inode: 10 Links: 1  
Access: (0644/-rw-r--r--) Uid: ( 2001/ user) Gid: ( 2001/ user)  
Access: 2022-10-12 16:08:20.540674946 +0000  
Change: 2022-10-12 16:08:44.970282178 +0000  
Birth: -  
cat >> demo1  
This is second line in the file demo1.  
cat demo1  
This is second line in the file demo1.  
cat >> demo1  
This is a demo1 file.  
cat demo1  
This is second line in the file demo1.  
This is a demo1 file.  
cat sample1 > demo1  
cat sample1  
This is sample file.~\$  
cat demo1  
This is sample file.~\$  
cat -n demo1  
1 This is sample file.~\$  
cat > f1  
this is file f1.  
cat f1  
this is file f1.  
touch f2  
cat demo1 sample1 f1 > f2  
cat f2  
This is sample file.This is sample file.this is file f1.  
mv f2 f1  
cat f1  
This is sample file.This is sample file.this is file f1.  
cat f2  
cat: f2: No such file or directory  
ls  
2022-10-12-153007 demo f1 file1.term muskan sample1 sample1  
apple demo1 file.term file2 new.term sample  
ls -l  
total 10  
-rw-r--r-- 1 user user 0 Oct 12 10:00 2022-10-12-153007  
-rw-r--r-- 1 user user 0 Oct 12 10:01 apple  
-rw-r--r-- 1 user user 21 Oct 12 16:10 demo  
-rw-r--r-- 1 user user 20 Oct 12 16:15 demo1  
-rw-r--r-- 1 user user 57 Oct 12 16:17 f1  
-rw-r--r-- 1 user user 0 Oct 12 16:05 file.term  
-rw-r--r-- 1 user user 0 Oct 12 16:06 file1.term  
-rw-r--r-- 1 user user 23 Oct 12 10:15 file2  
drwxr-xr-x 2 user user 2 Oct 12 16:08 muskan  
-rw-r--r-- 1 user user 0 Oct 12 16:04 new.term  
-rw-r--r-- 1 user user 0 Oct 12 16:08 sample1  
-rw-r--r-- 1 user user 49 Oct 12 10:23 sample  
-rw-r--r-- 1 user user 20 Oct 12 16:08 sample1  
ls -la  
. .file.term-0.term .snapshots demo1 muskan  
.. .file1.term-0.term .ssh f1 new.term  
.bash\_history .jupyter-blobs-v0.db 2022-10-12-153007 file.term sample1  
.bash\_profile .new.term-0.term apple file1.term sample  
.bashrc .smc demo file2 sample1  
cp sample1 demo1  
cat demo1  
cat sample1  
cp sample1 demo1  
cat daemo1  
cat: daemo1: No such file or directory  
cat demo1  
This is sample file.~\$  
cat sample1  
This is sample file.~\$  
mkdir newDirectory  
touch newfile  
ls -l  
total 11  
-rw-r--r-- 1 user user 0 Oct 12 10:00 2022-10-12-153007  
-rw-r--r-- 1 user user 0 Oct 12 10:01 apple  
-rw-r--r-- 1 user user 21 Oct 12 16:10 demo  
-rw-r--r-- 1 user user 20 Oct 12 16:15 demo1  
-rw-r--r-- 1 user user 57 Oct 12 16:17 f1  
-rw-r--r-- 1 user user 0 Oct 12 16:05 file.term  
-rw-r--r-- 1 user user 0 Oct 12 16:06 file1.term  
-rw-r--r-- 1 user user 23 Oct 12 10:15 file2  
drwxr-xr-x 2 user user 2 Oct 12 16:08 muskan  
-rw-r--r-- 1 user user 0 Oct 12 16:04 new.term  
drwxr-xr-x 2 user user 2 Oct 12 16:20 newDirectory  
-rw-r--r-- 1 user user 0 Oct 12 16:20 newfile  
-rw-r--r-- 1 user user 0 Oct 12 16:08 sample1  
-rw-r--r-- 1 user user 49 Oct 12 10:23 sample  
-rw-r--r-- 1 user user 20 Oct 12 16:08 sample1  
rm new  
new.term newDirectory/ newfile  
rm newfile  
ls -l  
total 10  
-rw-r--r-- 1 user user 0 Oct 12 10:00 2022-10-12-153007  
-rw-r--r-- 1 user user 0 Oct 12 10:01 apple  
-rw-r--r-- 1 user user 21 Oct 12 16:10 demo  
-rw-r--r-- 1 user user 20 Oct 12 16:15 demo1  
-rw-r--r-- 1 user user 57 Oct 12 16:17 f1  
-rw-r--r-- 1 user user 0 Oct 12 16:05 file.term  
-rw-r--r-- 1 user user 0 Oct 12 16:06 file1.term  
-rw-r--r-- 1 user user 23 Oct 12 10:15 file2  
drwxr-xr-x 2 user user 2 Oct 12 16:08 muskan  
-rw-r--r-- 1 user user 0 Oct 12 16:04 new.term  
-rw-r--r-- 1 user user 0 Oct 12 16:08 sample1  
-rw-r--r-- 1 user user 49 Oct 12 10:23 sample  
-rw-r--r-- 1 user user 20 Oct 12 16:08 sample1  
cat newfile  
cat: newfile: No such file or directory  
pwd  
/home/user  
wc demo1  
0 4 20 demo1  
cat demo1  
This is sample file.~\$  
wc -m f1  
57 f1  
wc -l f1  
1 f1  
wc -w f1  
10 f1  
cat f1  
This is sample file.This is sample file.this is file f1.  
df  
Filesystem 1K-blocks Used Availab  
le Use% Mounted on  
overlay 124819248 12232192 1125706  
72 10% /  
tmpfs 65536 0 655  
36 0% /dev  
tmpfs 16437424 0 164374  
24 0% /sys/fs/cgroup  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/bin 1681915904 1338295296 3402055  
68 80% /bin  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/lib 1681915904 1338295296 3402055  
68 80% /lib  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/libx32 1681915904 1338295296 3402055  
68 80% /libx32  
10.105.159.225:/ubuntu-2004\_2022-10-03 1681915904 1338295296 3402055  
68 80% /ext  
tmpfs 16437424 0 164374  
24 0% /data  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/etc 1681915904 1338295296 3402055  
68 80% /etc  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/lib64 1681915904 1338295296 3402055  
68 80% /lib64  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/srv 1681915904 1338295296 3402055  
68 80% /srv  
tmpfs 16437424 40 164373  
84 1% /tmp  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/lib32 1681915904 1338295296 3402055  
68 80% /lib32  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/opt 1681915904 1338295296 3402055  
68 80% /opt  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/usr 1681915904 1338295296 3402055  
68 80% /usr  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/var 1681915904 1338295296 3402055  
68 80% /var  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/sbin 1681915904 1338295296 3402055  
68 80% /sbin  
10.105.159.225:/project/2022-08-19-182453-hsy-detection-bugfix 1681915904 1338295296 3402055  
68 80% /cocalc  
tmpfs 16437424 4 164374  
20 1% /secrets/secret-token  
tmpfs 16437424 4 164374  
20 1% /secrets/gateway-public  
/dev/sda1 124819248 12232192 1125706  
72 10% /etc/hosts  
kucalc-default-project-d15bcdca-c22e-4e7b-b4e7-0de43f897ebb 3072000 128 30718  
72 1% /home/user  
/var/lib/kubelet/pods/488b8580-a1db-4420-a995-800ced9d5c73/volumes/cocalc~zfs/home/.zfs/snapshot 3072000 128 30718  
72 1% /home/user/.snapshots  
shm 65536 0 655  
36 0% /dev/shm  
tmpfs 16437424 0 164374  
24 0% /proc/acpi  
tmpfs 16437424 0 164374  
24 0% /proc/scsi  
tmpfs 16437424 0 164374  
24 0% /sys/firmware  
df -h  
Filesystem Size Used Avail Use% Mounte  
d on  
overlay 120G 12G 108G 10% /  
tmpfs 64M 0 64M 0% /dev  
tmpfs 16G 0 16G 0% /sys/f  
s/cgroup  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/bin 1.6T 1.3T 325G 80% /bin  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/lib 1.6T 1.3T 325G 80% /lib  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/libx32 1.6T 1.3T 325G 80% /libx3  
2  
10.105.159.225:/ubuntu-2004\_2022-10-03 1.6T 1.3T 325G 80% /ext  
tmpfs 16G 0 16G 0% /data  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/etc 1.6T 1.3T 325G 80% /etc  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/lib64 1.6T 1.3T 325G 80% /lib64  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/srv 1.6T 1.3T 325G 80% /srv  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/lib32 1.6T 1.3T 325G 80% /lib32  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/opt 1.6T 1.3T 325G 80% /opt  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/usr 1.6T 1.3T 325G 80% /usr  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/var 1.6T 1.3T 325G 80% /var  
10.105.159.225:/ubuntu-2004\_2022-10-03/linux/Ubuntu-20.04/sbin 1.6T 1.3T 325G 80% /sbin  
10.105.159.225:/project/2022-08-19-182453-hsy-detection-bugfix 1.6T 1.3T 325G 80% /cocal  
c  
tmpfs 16G 4.0K 16G 1% /secre  
ts/secret-token  
tmpfs 16G 4.0K 16G 1% /secre  
ts/gateway-public  
/dev/sda1 120G 12G 108G 10% /etc/h  
osts  
kucalc-default-project-d15bcdca-c22e-4e7b-b4e7-0de43f897ebb 3.0G 128K 3.0G 1% /home/  
user  
/var/lib/kubelet/pods/488b8580-a1db-4420-a995-800ced9d5c73/volumes/cocalc~zfs/home/.zfs/snapshot 3.0G 128K 3.0G 1% /home/  
user/.snapshots  
shm 64M 0 64M 0% /dev/s  
hm  
tmpfs 16G 0 16G 0% /proc/  
acpi  
tmpfs 16G 0 16G 0% /proc/  
scsi  
tmpfs 16G 0 16G 0% /sys/f  
irmware  
du  
2 ./ssh  
1 ./muskan  
2 ./snapshots/2022-10-12-104118/.ssh  
1 ./snapshots/2022-10-12-104118/muskan  
16 ./snapshots/2022-10-12-104118  
2 ./snapshots/2022-10-12-161644/.ssh  
1 ./snapshots/2022-10-12-161644/muskan  
1 ./snapshots/2022-10-12-161644/.snapshots  
23 ./snapshots/2022-10-12-161644  
2 ./snapshots/2022-10-12-142212/.ssh  
1 ./snapshots/2022-10-12-142212/muskan  
17 ./snapshots/2022-10-12-142212  
2 ./snapshots/2022-10-12-100925/.ssh  
1 ./snapshots/2022-10-12-100925/muskan  
1 ./snapshots/2022-10-12-100925/.snapshots  
13 ./snapshots/2022-10-12-100925  
69 ./snapshots  
95 .  
date  
Wed Oct 12 16:25:29 UTC 2022  
\$