Practical - Operating System

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 - 19/78065

1s

```
anshul@linux-host:-$ ls -ltr
total 32
drwxr-xr-x 2 anshul anshul 4096 Aug 24 19:04 Public
drwxr-xr-x 2 anshul anshul 4096 Aug 24 19:04 Downloads
drwxr-xr-x 2 anshul anshul 4096 Aug 24 19:04 Downloads
drwxr-xr-x 2 anshul anshul 4096 Aug 24 19:04 Downloads
drwxr-xr-x 2 anshul anshul 4096 Aug 24 19:04 Desktop
drwxr-xr-x 2 anshul anshul 4096 Aug 24 19:04 Pictures
drwxr-xr-x 2 anshul anshul 4096 Aug 24 19:04 Music
anshul@linux-host:-$ ls -a-r
Videos
.vboxclient-seamless.pid
.remplates
.vboxclient-draganddrop.pid
.sudo_as_admin_successful
Pictures
.gnupg
.config
.bash_logout
.vboxclient-dfsplay-syga-x11.pid
.ssh
Music
Downloads
.cache
..

anshul@linux-host:-$ ls -ls

total 32
drwxr-xr-x 2 anshul anshul 4096 Aug 24 19:04 Documents
drwxr-xr-x 2 anshul anshul 4096 Aug 24 19:04 Documents
drwxr-xr-x 2 anshul anshul 4096 Aug 24 19:04 Documents
drwxr-xr-x 2 anshul anshul 4096 Aug 24 19:04 Public
drwxr-xr-x 2 anshul anshul 4096 Aug 24 19:04 Public
drwxr-xr-x 2 anshul anshul 4096 Aug 24 19:04 Public
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drwxr-xr-x 2 anshul anshul 4096 Aug 24 19:04 Public
drwxr-xr-x 2 anshul anshul 4096 Aug 24 19:04 Public
drwxr-xr-x 2 anshul anshul 4096 Aug 24 19:04 Public
drwxr-xr-x 2 anshul anshul 4096 Aug 24 19:04 Videos
anshul@linux-host:-$
```

ср

```
anshul@linux-host:~/Documents/OS$ ls
main.cpp test-dir1 test-dir2
anshul@linux-host:~/Documents/OS$ ls test-dir1/
anshul@linux-host:~/Documents/OS$ ls test-dir2/
anshul@linux-host:~/Documents/OS$ cp main.cpp test-dir1/test.cpp
anshul@linux-host:~/Documents/OS$ ls test-dir1/
test.cpp
anshul@linux-host:~/Documents/OS$ cp -r test-dir1/ test-dir2/
anshul@linux-host:~/Documents/OS$ ls test-dir2/
test-dir1
anshul@linux-host:~/Documents/OS$ ls test-dir2/
anshul@linux-host:~/Documents/OS$
```

mv

```
anshul@linux-host:~/Documents/OS$ mv test-dir1/test.cpp ..
anshul@linux-host:~/Documents/OS$ ls ..
OS test.cp
anshul@linux-host:~/Documents/OS$ mv test-dir2/test-dir1 ..
anshul@linux-host:~/Documents/OS$ ls ..
OS test.cpp test-dir1
anshul@linux-host:~/Documents/OS$ mv ../test.cpp test-dir1/
anshul@linux-host:~/Documents/OS$ ls ..
OS test-dir1
anshul@linux-host:~/Documents/OS$ ls ..
OS test-dir1
anshul@linux-host:~/Documents/OS$
```

chmod

mkdir & rmdir

```
anshul@linux-host:-/Documents/OS$ mkdir new-folder
anshul@linux-host:-/Documents/OS$
anshul@linux-host:-/Documents/OS$ ls
main.cpp new-folder test-dir1 test-dir2
anshul@linux-host:-/Documents/OS$ rmdir new-folder
anshul@linux-host:-/Documents/OS$ rmdir test-dir2
anshul@linux-host:-/Documents/OS$ ls
main.cpp test-dir1
anshul@linux-host:-/Documents/OS$
```

```
anshul@linux-host:-/Documents/OS$ ls test-dir1
test.cpp
anshul@linux-host:-/Documents/OS$ rm test-dir1/test.cpp
anshul@linux-host:-/Documents/OS$ ls test-dir1
anshul@linux-host:-/Documents/OS$
```

cd

```
anshul@linux-host:-/Documents/OS$ cd ..
anshul@linux-host:-/Documents$ cd ..
anshul@linux-host:-/$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
anshul@linux-host:-/$ cd Desktop
anshul@linux-host:-/Desktop$ ls
anshul@linux-host:-/Desktop$ cd ../Documents/OS
anshul@linux-host:-/Desktop$ cd ../Documents/OS
```

pwd

```
anshul@linux-host:-/Documents/OS$ pwd
/home/anshul/Documents/OS
anshul@linux-host:-/Documents/OS$
```

cat & grep

passwd

```
anshul@linux-host:~/Documents/OS$ passwd
Changing password for anshul.
(current) UNIX password:
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
anshul@linux-host:~/Documents/OS$
```

who