```
& who ami
```

display the current logged in uses

File Operations

\$ my (move/ rename)

-moves files/ directories or rename them

movey flot

-rw-r--r-- 1 nandyalapsai3443 nandyalapsai3443 0 Jul 1 17:08 test.txt drwxr-xr-x 2 nandyalapsai3443 nandyalapsai3443 4.0K Jul 1 17:08 files nandyalapsai3443@cluster-b233-m:~\$ mv test.txt files/

revome files

rw-r--r-- 1 nandyalapsai3443 nandyalapsai3443 0 Jul 1 17:08 test.txt
nandyalapsai3443@cluster-b233-m:-/files\$ mv test.txt renamed_test.txt
nandyalapsai3443@cluster-b233-m:-/files\$ 11 -1rth
-bash: 11: command not found
nandyalapsai3443@cluster-b233-m:-/files\$ 1s -1rth
total 0
-rw-r--r-- 1 nandyalapsai3443 nandyalapsai3443 0 Jul 1 17:08 renamed test.txt

mue multiple files

nandyalapsai3443@cluster-b233-m:~\$ ls -1rth

total 4.0K

drwxr-xr-x 2 nandyalapsai3443 nandyalapsai3443 4.0K Jul 1 17:10 files

-rw-r--r-- 1 nandyalapsai3443 nandyalapsai3443 0 Jul 1 17:11 file2.txt

-rw-r--r- 1 nandyalapsai3443 nandyalapsai3443 0 Jul 1 17:11 file1.txt

nandyalapsai3443@cluster-b233-m:~\$ mv file1.txt file2.txt files/

SCP (copy)

- Copy Her or directories

Common Options

-> - Copy directories recursively

-P - Preserve meteda (time stamps, permissions)

Champles

Cp file tot director) # copy file to directory

Cp - 8 directory / backup / # copy directory recursively

Cp - p file tot copy to the copy with preserved metadetory

```
$rm (Remove)
        - delete files & directories
     Common options:
               - remove directorial recursively
            - ters removal (ignore warning)
evamples
                           # remost file
           rm file tat
            om - r directory/ # remove directory & contents
           rm -rf directory/ # fore or move directory
                             # remotes everything in purd
           (m - of x
Note: We om - of with entreme coulin as it paramently deletes files
 file Creation of Eating
  & touch
       __ Creates empty file! Update timestamp)
            touch newfile that # creates among file
vi ( Tent Eleter) / Vim
        - edit file, using The Vi text editor
   Vi file but thopen file for editing
Basic Commands
pres > = enter inject mode (for editing)
             _ Still from group mode
```

file Content Victing

& cat

displey entire file content

- Cot file tut # show all content

& head

display first steading few lines of a file [default: (6 lines)

options

-n Show specific no. of lines

enamples

head file tot # ghows first 16 lines

head -n 5 file.trd # show first 5 lines

\$ +a11

- display last lines of a file (defeath: 10 lines)

options

-n chow specke no -of lines

-f follow file changes (weful for by)

enamples

tail file but # Show last 10 lines

tail -n 5 file. tot of chow last 5 line 1

tail -f application log It monitor los tile in real-time

Seach & Tent Processing

\$ grep

_search for tent pattorns in files

options

-i - ignore Care search

-8 - search recursively in directories

- C - count occurrence]

grep error file tot # Search for "error" in tile
grep -i "GroR" log tot # care insensitive search
grep -c "error" log tot # count occurrences

find [pars] Coptions] [empression]

- Search for fire, and directories

options

- name - Search by hame

-type - f => find files only

d -) find directories only

evamples

find -name " file that" find tile - that

find - name "+ tat" find all that files

find directory -type of -name "log" the find directories Starting

Wild Cards & pattern matching

4 (Astoriste)

matches any no of characters

\$ wc (coad count)

- Count lines, words & Characters

- count words conty

- count words conty

- count charter only

nandyalapsai3443@cluster-b233-m:~\$ wc -l log.txt
219 log.txt
nandyalapsai3443@cluster-b233-m:~\$ wc -w log.txt
1095 log.txt
nandyalapsai3443@cluster-b233-m:~\$ wc -c log.txt
8871 log.txt

& dear

clears to terminal succes

Note ?

nandyalapsai3443@cluster-b233-m:~\$ man wc nandyalapsai3443@cluster-b233-m:~\$ nandyalapsai3443@cluster-b233-m:~\$ wc --help

helps or suides as to see the option for a command

Tab to for auto-completion

Tab to