csh: as written in C language.

tcsh.

bin: binary.

set: to check details.

echo: to display.

single quote ‘ does not treat $ as scalar.

expr: to evaluate. needs space.

dot: current working directory

frequent folders access.: use set then a name

path: list of directories

history: shows the commands used.

echo $history: shows how many commands it remembers

we can use exclamation mark (!) to repeat a command number from history.

like !5 will repeat the fifth command

to redirect use >

set noclobber: don’t kill files with >

ls -a : shows more files (names starting with .)

rc files

to open a shell inside a shell use tcsh

use ps -l to see the shells and their parents

uid : user id

in bracket username

id: to see your id and the teams(groups) u are part of.

unalias to delete alias.

>> append the output

-rwx: - means ordinary file

drwx: d means directory

rwx: read write execute

First 3: owner, next 3: group next 3: others

-t: sort in time order. -r : reverse sort.

ls -ltr : will help u to get the latest file u were using.

-S size sorted.

cp -i: interactively copy. always warns u if u are overwriting files

ps -a| wc -l : allows to find no. of processes running

Cart|Mat: Either cart or mat

[S-U]: characters s,t,u

\d: any digit character

[ \t\n]: White Space Character

\s: White Space Character

a{0,}: ‘’,a,aa,aaa,…

a{1,}: a,aa,aaa,…

[0-9a-zA-Z] or \w: Word character

[^0-9] : Not a digit character

\D : Not a digit character

lsf: load sharing facility

ws60 : red hat

bjobs: current jobs

bsub:to submit job to external computer.

bsub -q normal -R "select[ws60]”

mailx: to send mail

mailx -s : gives the subject. -a : attachment.

chgrp: change group { chgrp <groupname> <files>}

wc: wordcount/linecount

grep -v: don’t match. -o: only match -P: perl

head -number <filename>

tail -number <filename>

more

24/5/23 (Day 2 Training):

GVIM: It is GNU Vim.

0,g0: beginning of line, $,g$: end of line.

h: left j: down k: up l: right => all by character.

a: append or inserting to the right.

O: line above

I: insert at beginning of line.

w: one word forward

b: one word backward

5w: 5 words forward

dd: delete line

gg: go to beginning of file.

G: go to last line

:set nu – shows line numbers

:<num> = take you to line <num>

Ctrl + B : one screen backward

Ctrl + F : one screen forward

%: go to matching { [ (

:ab to give abbreviation

:let to set some names. like :let YYY= “Helo dunia”

~: changes the case of the underlying character

fc: find ‘c’ forward

Fc: find ‘c’ backward

dw: delete a letter

d2w: delete two words

d2d: delete two lines (not working)

:39,42d : delete lines 39-42

:.,.+4 d: delete current line and next 4 lines

:.-4,.d : delete 5 lines starting from current line and going upward.

D : delete everything to the right of cursor (d$)

d0: delete everything to the left

:.,$d : delete everything from current line to end of line

u : undo the changes from the previous command

Ctr + r : redo the changes

:1,.d : delete from line 1 to current line

p: paste after the cursor.

P: paste after the cursor.

d: cut

f: find

cw: change a word

yw: copy word

yy: copy line

y$: copy everything to the right of the cursor

:s/paste/PASTE : substitutes paste to PASTE

:s/j/k/g : change all j t k on the current line

:52,59s/j/k/g – in the line range 5-59, change all j to k

gc: to confirm (globally)

:1,$s/for/FOR/gc – change for to FOR in all lines, but check

/: to find

/d\{1,2\}[\-\/] : finds patterns with one or two numbers followed by /

:w filename : save to filename

:w: save

:1,10 w HEADERFILE – save first 10 lines to HEADERFILE

:r HEADERFILE – insert the contents of HEADERFILE

:q – quit

:wq – write and quit

:q! – quit forcibly

vim: x for delete

qa: record a macro named a

gzip a.out: will compress the file and give a.out.gz

gunzip : to unzip

tar cvf myproj.tar myproj (ar means archive) (c means create, v means verbose, report everything, f:file)

tar -t -f <filename> will show u the files inside

tar -x : extract

tar -x -v -f myfile.tar.gz <list of files you need>