

Week 7 Notes:

change a file's owner:

- chown [new owner] [filename]

special variables in bash:

- \$1, \$2, \$3, .. -> argument(s) passed from left to right
- \$@ -> an array of all passed argument(s)
- \$# -> number of args passed

#!/bin/bash -> a shebang, a must on every head of shell script, to tell what shell to use, in this case bash

command1 | command2 -> command2 would only be executed if command1 fails

command1 && command2 -> command2 would only be executed if command1 succeed

zipping with tar:

- tar [flags] [destination] [sources.....]
- flags :
 - c : create
 - z : set to gzip
 - v : prints out process status, optional
 - f : filename

tree:

- use to show the directories, sub-directories and files structure

PS1 formats:

- Color format:
 - \[\033[<colour code>m\]
- Sunday, 02-11-2020:

- \D{%A, %d-%m-%Y}

- 08:01 AM:

- \D{%l:%M %p}

- sysprog-ova of user:

- \h of \u

test:

- a command to test for existence or comparison

- there are 2 forms:

- test

- [[]]

- flags:

- -f = is it a file?

- -d = is it a directory?

- -eq = is it equal?

- -gt = greater than?

- -lt = less than?

- examples:

- test -f "/home"

- [-f "/home"]

- [\$VAR1 -gt 6]