

Man Command and Process management

man page

\$man -> to view manual/documentation about a command

Example: \$man cat

Process Management Commands

\$ps -> report currently running process

Examples :

\$ps -> report about the process running under current shell

\$ps -ef -> report every process with more details

\$ps aux -> report every process with more details including CPU , Memory utilization

\$pstree -> report currently running process Tree view model

\$top -> provides dynamic information about processes running on linux

\$kill -> terminate a process

Example :

\$kill 34561 -> gracefully terminate the process which has a PID 34561

Example:

\$kill -9 34561 -> forcefully terminate the process which has a PID 34561

Summary:

❑ grep command can be used for matching a specified string and it can display you the matched line

\$grep "Source" data.txt -> will display all the lines which has a string "Source" in data.txt

\$grep "Source" data* -> will display all the lines which has a string "Source" in all the files
those are starting with data

\$grep -i "source" data.txt -> will display all the lines which has a string "Source" in
data.txt regardless of it's case

\$grep -r "foo" ~ -> will display all the lines of each files in home directory and it's sub
directories which has a string "foo"

\$ cat data* | grep "Source" -> cat all the files which start with data and handover the output to grep. The grep
command then match the pattern "source" and print the out put to screen

\$ cat data* | grep "Source" > output.txt -> will display all the files names start with data using cat and handover
the output to grep. The grep command then matches the pattern "source" and redirect the output to output.txt file