

5/a. Grep.

This command is used to search for a particular pattern from a file or from standard input and display those lines on the standard output. Grep stands for "Global search for regular expressions"

Syntax: `grep [options] PATTERN [FILE...]`

options available with grep command.

- v displays only those lines which do not match the line specified
- n displays matched lines with line numbers
- c displays only the count of lines which match the pattern specified
- i displays matched pattern ignoring case distinction

b. PIPE.

A pipe is a mechanism which takes the output of a command as its input for the next command

ex: `$ who | wc -l`

c. ps.

Displays information about a selection of the active processes

Syntax: `ps [options]`

Examples:

`ps -e` : To see every process on the system

`ps aux` : To see every process on the system using BSD syntax

`ps -ejH` : To print a process tree