

Nama: Ridho Malandi

NIM:L200180199

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Terminal - root@kayon-pc11:/home/kayon-pc11

File Edit View Terminal Tabs Help
kayon-pc11:kayon-pc11:~$ sudo su
[sudo] password for kayon-pc11:
root@kayon-pc11:/home/kayon-pc11# echo halo dunia
halo dunia
root@kayon-pc11:/home/kayon-pc11# date
Rab Okt 9 16:40:39 WIB 2019
root@kayon-pc11:/home/kayon-pc11# hostname
kayon-pc11
root@kayon-pc11:/home/kayon-pc11# arch
x86_64
root@kayon-pc11:/home/kayon-pc11# uname -a
Linux kayon-pc11 5.0.0-31-generic #33-18.04.1-Ubuntu SMP Tue Oct 1 10:20:39 UTC 2019 x86_64 x86_64 x86_64 GNU/Linux
root@kayon-pc11:/home/kayon-pc11# dmesg | more
[ 0.000000] microcode: microcode updated early to revision 0x27, date = 2019-02-26
[ 0.000000] Linux version 5.0.0-31-generic (buildd@gw01-and64-046) (gcc version 7.4.0 (Ubuntu 7.4.0-1ubuntu10-04.1)) #33-18.04.1-Ubuntu SMP Tue Oct 1 10:20:39 UTC 2019 (Ubuntu 5.0.0-31.33-18.04.1-generic 5.0.21)
[ 0.000000] Command line: BOOT_IMAGE=/boot/vmlinuz-5.0.0-31-generic root=UUID=20f278d7-11cf-4e2d-90fc-218c90338bb0 ro quiet splash vt.handoff=1
[ 0.000000] KERNEL supported cpus:
[ 0.000000]   Intel GenuineIntel
[ 0.000000]   AMD AuthenticAMD
[ 0.000000]   Hygon HygonGenuine
[ 0.000000]   Centaur CentaurHauls
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x001: 'x87 floating point registers'
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x002: 'SSE registers'
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x004: 'AVX registers'
[ 0.000000] x86/fpu: xstate offset[2]: 576, xstate_sizes[2]: 256
[ 0.000000] x86/fpu: Enabled xstate features 0x7, context size is 832 bytes, using 'standard' format.
[ 0.000000] BIOS-provided physical RAM map:
[ 0.000000]   BIOS-e820: [mem 0x0000000000000000-0x00000000000d7fff] usable
[ 0.000000]   BIOS-e820: [mem 0x0000000000000000d500-0x000000000009ffff] reserved
[ 0.000000]   BIOS-e820: [mem 0x0000000000e00000-0x0000000000ffff] reserved
root@kayon-pc11:/home/kayon-pc11# uptime
16:43:28 up 10 min, 1 user, load average: 0,20, 0,83, 0,56
root@kayon-pc11:/home/kayon-pc11# whoami
root
root@kayon-pc11:/home/kayon-pc11# who
kayon-pc11 tty7      2019-10-09 23:33 (:0)
root@kayon-pc11:/home/kayon-pc11# id
uid=0(root) gid=0(root) groups=0(root)
root@kayon-pc11:/home/kayon-pc11# 
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Terminal - root@kayon-pc11:/home/kayon-pc11

File Edit View Terminal Tabs Help
root@kayon-pc11:/home/kayon-pc11# who
kayon-pc11 tty7      2019-10-09 23:33 (:0)
root@kayon-pc11:/home/kayon-pc11# id
uid=0(root) gid=0(root) groups=0(root)
root@kayon-pc11:/home/kayon-pc11# last
kayon-pc11 tty7      :0          Wed Oct 9 23:33  gone - no logout
reboot system boot 5.0.0-31-generic Wed Oct 9 23:33  still running
kayon-pc11 tty7      :0          Tue Oct 8 16:08 - 17:27 (01:19)
reboot system boot 5.0.0-31-generic Tue Oct 8 23:07 - 17:27 (-5:39)

wtmp begins Tue Oct 8 15:38:54 2019
root@kayon-pc11:/home/kayon-pc11# finger
Command 'finger' not found, but can be installed with:
apt install finger

root@kayon-pc11:/home/kayon-pc11# w
16:48:40 up 15 min, 1 user, load average: 0,02, 0,32, 0,41
USER     TTY      FROM              LOGIN@    IDLE   JCPU   PCPU WHAT
kayon-pc11 tty7      :0          23:33 ?    4.78s  0.01s /bin/sh /etc/xdg/xfce4/xinitrc -- /etc/X11/xinit/xserverrc
root@kayon-pc11:/home/kayon-pc11# top

top - 16:49:20 up 16 min, 1 user, load average: 0,01, 0,28, 0,39
Tasks: 192 total, 1 running, 141 sleeping, 0 stopped, 0 zombie
%CPU(s): 0,8 us, 0,2 sy, 0,0 ni, 99,0 id, 0,0 wa, 0,0 hi, 0,0 si, 0,0 st
KiB Mem : 8183664 total, 5343964 free, 489860 used, 2269340 buff/cache
KiB Swap: 947928 total, 947928 free, 0 used. 7298228 avail Mem

PID USER      PR  NI    VRTS   RES   SHR S %CPU %MEM TIME+ COMMAND
952 root      20   0 357092 65468 45444 S  3,6  0,8  0:05,52 Xorg
2694 kayon-p+  20   0 583536 39396 29356 S  1,7  0,5  0:02,03 xfce4-terminal
1204 kayon-p+  20   0 191128 21924 18160 S  0,7  0,3  0:00,69 xfwm4
1253 kayon-p+  20   0 220652 6932 6220 S  0,7  0,1  0:00,15 at-spi2-registr
8677 root      20   0 51672 4208 3516 R  0,7  0,1  0:00,15 top
1243 kayon-p+  20   0 49920 4276 3808 S  0,3  0,1  0:00,05 dbus-daemon
1331 kayon-p+  20   0 700240 34576 27144 S  0,3  0,4  0:00,73 panel-pulseaudio
  1 root      20   0 159804 9148 6712 S  0,0  0,1  0:01,26 systemd
  2 root      20   0      0  0  0 S  0,0  0,0  0:00,00 kthreadd
  3 root      0 -20      0  0  0 I  0,0  0,0  0:00,00 rcu_gp
  4 root      0 -20      0  0  0 I  0,0  0,0  0:00,00 rcu_jitter_gp
  6 root      0 -20      0  0  0 I  0,0  0,0  0:00,00 kworker/0:0H-kb
  8 root      0 -20      0  0  0 I  0,0  0,0  0:00,00 mm_percpu_wq
  9 root      20   0      0  0  0 S  0,0  0,0  0:00,03 ksoftirqd/0
 10 root     20   0      0  0  0 I  0,0  0,0  0:00,02 rcu_sched
 11 root     rt   0      0  0  0 S  0,0  0,0  0:00,00 migration/0
root@kayon-pc11:/home/kayon-pc11# 
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Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
Tasks: 192 total, 1 running, 141 sleeping, 0 stopped, 0 zombie
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952 root 20 0 3570972 65468 45444 S 3,6 0,8 0:05,52 Xorg
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1331 kayon-p+ 20 0 700240 34576 27144 S 0,3 0,4 0:00,73 panel-9-pulseau
1 root 20 0 159804 9148 6712 S 0,0 0,1 0:01,26 systemd
2 root 20 0 0 0 0 S 0,0 0,0 0:00,00 kthreadd
3 root 0 -20 0 0 0 I 0,0 0,0 0:00,00 rcu_gp
4 root 0 -20 0 0 0 I 0,0 0,0 0:00,00 rcu_par_gp
6 root 0 -20 0 0 0 I 0,0 0,0 0:00,00 kworker/0:0H-kb
8 root 0 -20 0 0 0 I 0,0 0,0 0:00,00 mm_percpu_wq
9 root 20 0 0 0 0 S 0,0 0,0 0:00,03 ksoftirqd/0
10 root 20 0 0 0 0 S 0,0 0,0 0:00,02 rcu_sched
11 root rt 0 0 0 0 S 0,0 0,0 0:00,00 migration/0
12 root -51 0 0 0 0 S 0,0 0,0 0:00,00 idle_inject/0
13 root 20 0 0 0 0 I 0,0 0,0 0:00,10 kworker/0:1-eve
14 root 20 0 0 0 0 S 0,0 0,0 0:00,00 cpuhp/0
15 root 20 0 0 0 0 S 0,0 0,0 0:00,00 cpuhp/1
16 root -51 0 0 0 0 S 0,0 0,0 0:00,00 idle_inject/1
17 root rt 0 0 0 0 S 0,0 0,0 0:00,00 migration/1
18 root 20 0 0 0 0 S 0,0 0,0 0:00,02 ksoftirqd/1
20 root 0 -20 0 0 0 I 0,0 0,0 0:00,00 kworker/1:0H-kb
21 root 20 0 0 0 0 S 0,0 0,0 0:00,00 cpuhp/2
22 root -51 0 0 0 0 S 0,0 0,0 0:00,00 idle_inject/2
23 root rt 0 0 0 0 S 0,0 0,0 0:00,00 migration/2
24 root 20 0 0 0 0 S 0,0 0,0 0:00,03 ksoftirqd/2
26 root 0 -20 0 0 0 I 0,0 0,0 0:00,00 kworker/2:0H-kb
27 root 20 0 0 0 0 S 0,0 0,0 0:00,00 cpuhp/3
28 root -51 0 0 0 0 S 0,0 0,0 0:00,00 idle_inject/3
29 root rt 0 0 0 0 S 0,0 0,0 0:00,00 migration/3
30 root 20 0 0 0 0 S 0,0 0,0 0:00,03 ksoftirqd/3
31 root 20 0 0 0 0 I 0,0 0,0 0:00,10 kworker/3:0-eve
32 root 0 -20 0 0 0 S 0,0 0,0 0:00,00 kworker/3:0H-kb
33 root 20 0 0 0 0 S 0,0 0,0 0:00,00 kdevtmpfs
34 root 0 -20 0 0 0 I 0,0 0,0 0:00,00 netns
35 root 20 0 0 0 0 S 0,0 0,0 0:00,00 rcu_tasks_kthre
root@kayon-pc11:/home/kayon-pc11# 
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File Edit View Terminal Tabs Help
Tasks: 192 total, 1 running, 141 sleeping, 0 stopped, 0 zombie
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PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND
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1 root 20 0 159804 9148 6712 S 0,0 0,1 0:01,26 systemd
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4 root 0 -20 0 0 0 I 0,0 0,0 0:00,00 rcu_par_gp
6 root 0 -20 0 0 0 I 0,0 0,0 0:00,00 kworker/0:0H-kb
8 root 0 -20 0 0 0 I 0,0 0,0 0:00,00 mm_percpu_wq
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10 root 20 0 0 0 0 S 0,0 0,0 0:00,02 rcu_sched
11 root rt 0 0 0 0 S 0,0 0,0 0:00,00 migration/0
12 root -51 0 0 0 0 S 0,0 0,0 0:00,00 idle_inject/0
13 root 20 0 0 0 0 I 0,0 0,0 0:00,10 kworker/0:1-eve
14 root 20 0 0 0 0 S 0,0 0,0 0:00,00 cpuhp/0
15 root 20 0 0 0 0 S 0,0 0,0 0:00,00 cpuhp/1
16 root -51 0 0 0 0 S 0,0 0,0 0:00,00 idle_inject/1
17 root rt 0 0 0 0 S 0,0 0,0 0:00,00 migration/1
18 root 20 0 0 0 0 S 0,0 0,0 0:00,02 ksoftirqd/1
20 root 0 -20 0 0 0 I 0,0 0,0 0:00,00 kworker/1:0H-kb
21 root 20 0 0 0 0 S 0,0 0,0 0:00,00 cpuhp/2
22 root -51 0 0 0 0 S 0,0 0,0 0:00,00 idle_inject/2
23 root rt 0 0 0 0 S 0,0 0,0 0:00,00 migration/2
24 root 20 0 0 0 0 S 0,0 0,0 0:00,03 ksoftirqd/2
26 root 0 -20 0 0 0 I 0,0 0,0 0:00,00 kworker/2:0H-kb
27 root 20 0 0 0 0 S 0,0 0,0 0:00,00 cpuhp/3
28 root -51 0 0 0 0 S 0,0 0,0 0:00,00 idle_inject/3
29 root rt 0 0 0 0 S 0,0 0,0 0:00,00 migration/3
30 root 20 0 0 0 0 S 0,0 0,0 0:00,03 ksoftirqd/3
31 root 20 0 0 0 0 I 0,0 0,0 0:00,10 kworker/3:0-eve
32 root 0 -20 0 0 0 S 0,0 0,0 0:00,00 kworker/3:0H-kb
33 root 20 0 0 0 0 S 0,0 0,0 0:00,00 kdevtmpfs
34 root 0 -20 0 0 0 I 0,0 0,0 0:00,00 netns
35 root 20 0 0 0 0 S 0,0 0,0 0:00,00 rcu_tasks_kthre
root@kayon-pc11:/home/kayon-pc11# echo $$SHELL
/bin/bash
root@kayon-pc11:/home/kayon-pc11# echo {con, pre}{sent, fer}{s, ed}
{con, pre}{sent, fer}{s, ed}
root@kayon-pc11:/home/kayon-pc11# man ls
root@kayon-pc11:/home/kayon-pc11# man ls
No manual entry for ls
root@kayon-pc11:/home/kayon-pc11# 
```

```
Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
LS(1) User Commands LS(1)
NAME
ls - list directory contents
SYNOPSIS
ls [OPTION]... [FILE]...
DESCRIPTION
List information about the FILEs (the current directory by default). Sort entries alphabetically if none of -cftuvSUX nor --sort is specified.
Mandatory arguments to long options are mandatory for short options too.
-a, --all
do not ignore entries starting with .
-A, --almost-all
do not list implied . and ..
--author
with -l, print the author of each file
-b, --escape
print C-style escapes for nongraphic characters
--block-size=SIZE
scale sizes by SIZE before printing them; e.g., '--block-size=M' prints sizes in units of 1,048,576 bytes; see SIZE format below
-B, --ignore-backups
do not list implied entries ending with ~
-c
with -lt: sort by, and show, ctime (time of last modification of file status information); with -l: show ctime and sort by name; otherwise: sort by ctime, newest first
-C
list entries by columns
--color[=WHEN]
colorize the output; WHEN can be 'always' (default if omitted), 'auto', or 'never'; more info below
-d, --directory
list directories themselves, not their contents
-D, --dired
generate output designed for Emacs' dired mode
Manual page ls(1) line 1/207 20% (press h for help or q to quit)
Ubuntu 12.04 LTS - LibreOffice Writer Terminal - root@kayon-pc11:... 09 Okt, 16:52
```

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Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
-D, --dired
generate output designed for Emacs' dired mode
-f
do not sort, enable -aU, disable -ls --color
-F, --classify
append indicator (one of */=>@|) to entries
--file-type
likewise, except do not append '*'
--format=WORD
across -x, commas -m, horizontal -x, long -l, single-column -1, verbose -l, vertical -c
--full-time
like -l --time-style=full-iso
-g
like -l, but do not list owner
--group-directories-first
group directories before files;
can be augmented with a --sort option, but any use of --sort=none (-U) disables grouping
-G, --no-group
in a long listing, don't print group names
-h, --human-readable
with -l and/or -s, print human readable sizes (e.g., 1K 234M 2G)
--si
likewise, but use powers of 1000 not 1024
-H, --dereference-command-line
follow symbolic links listed on the command line
--dereference-command-line-symlink-to-dir
follow each command line symbolic link
that points to a directory
--hide=PATTERN
do not list implied entries matching shell PATTERN (overridden by -a or -A)
Manual page ls(1) line 41/207 39% (press h for help or q to quit)
Ubuntu 12.04 LTS - LibreOffice Writer Terminal - root@kayon-pc11:... 09 Okt, 16:53
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Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help

--hide=PATTERN
    do not list implied entries matching shell PATTERN (overridden by -a or -A)

--hyperlink[WHEN]
    hyperlink file names; WHEN can be 'always' (default if omitted), 'auto', or 'never'

--indicator-style=WORD
    append indicator with style WORD to entry names: none (default), slash (-p), file-type (--file-type), classify (-F)

-i, --inode
    print the index number of each file

-I, --ignore=PATTERN
    do not list implied entries matching shell PATTERN

-k, --kibibytes
    default to 1024-byte blocks for disk usage

-l, --long
    use a long listing format

-L, --dereference
    when showing file information for a symbolic link, show information for the file the link references rather than for the link itself

-m, --width
    fill width with a comma separated list of entries

-n, --numeric-uid-gid
    like -l, but list numeric user and group IDs

-N, --literal
    print entry names without quoting

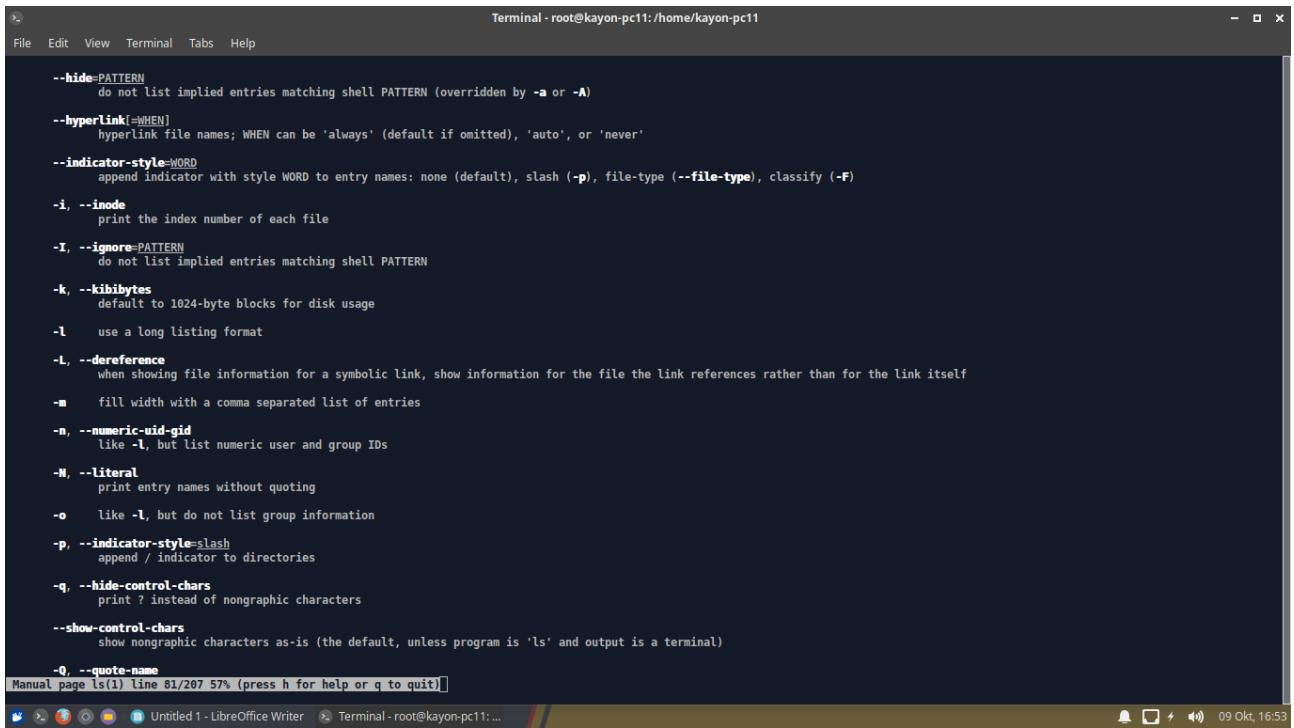
-o, --group
    like -l, but do not list group information

-p, --indicator-style=slash
    append / indicator to directories

-q, --hide-control-chars
    print ? instead of nongraphic characters

--show-control-chars
    show nongraphic characters as-is (the default, unless program is 'ls' and output is a terminal)

-Q, --quote-name
Manual page ls(1) line 61/207 57% (press h for help or q to quit)


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Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help

--quoting-style=WORD
    use quoting style WORD for entry names: literal, locale, shell, shell-always, shell-escape, shell-escape-always, c, escape

-F, --reverse
    reverse order while sorting

-R, --recursive
    list subdirectories recursively

-S, --size
    print the allocated size of each file, in blocks

-S, --sort
    sort by file size, largest first

--sort=WORD
    sort by WORD instead of name: none (-u), size (-S), time (-t), version (-v), extension (-x)

--time=WORD
    with -l, show time as WORD instead of default modification time: atime or access or use (-u); ctime or status (-c); also use specified time as sort key if --sort-time (newest first)

--time-style=STYLE
    with -l, show times using style STYLE: full-iso, long-iso, iso, locale, or +FORMAT; FORMAT is interpreted like in 'date'; if FORMAT is FORMAT1<newline>FORMAT2, then FORMAT1 applies to non-recent files and FORMAT2 to recent files; if STYLE is prefixed with 'posix-', STYLE takes effect only outside the POSIX locale

-t, --time
    sort by modification time, newest first

-T, --tabsize=COLS
    assume tab stops at each COLS instead of 8

-u, --update
    with -lt: sort by, and show, access time; with -l: show access time and sort by name; otherwise: sort by access time, newest first

-U, --sort=none
    do not sort; list entries in directory order

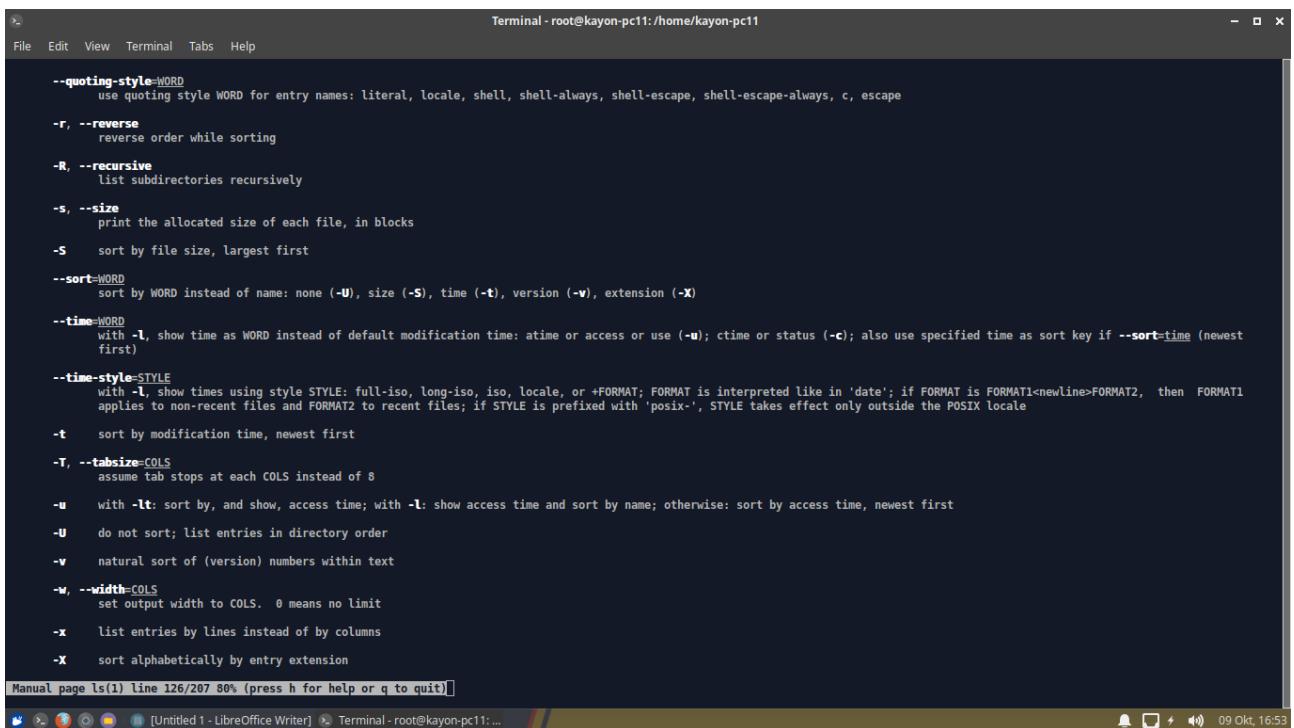
-v, --version
    natural sort of (version) numbers within text

-w, --width=COLS
    set output width to COLS.  0 means no limit

-x, --list
    list entries by lines instead of by columns

-X, --sort=extension
    sort alphabetically by entry extension

Manual page ls(1) line 126/207 80% (press h for help or q to quit)


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Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
      set output width to COLS.  0 means no limit
      -x     list entries by lines instead of by columns
      -x     sort alphabetically by entry extension
      -Z, --context
            print any security context of each file
      -l     list one file per line.  Avoid '\n' with -q or -b
      --help display this help and exit
      --version
            output version information and exit

The SIZE argument is an integer and optional unit (example: 10K is 10*1024).  Units are K,M,G,T,P,E,Z,Y (powers of 1024) or KB,MB,... (powers of 1000).

Using color to distinguish file types is disabled both by default and with --color=never.  With --color=auto, ls emits color codes only when standard output is connected to a terminal.  The LS_COLORS environment variable can change the settings.  Use the dircolors command to set it.

Exit status:
0      if OK,
1      if minor problems (e.g., cannot access subdirectory),
2      if serious trouble (e.g., cannot access command-line argument).

AUTHOR
Written by Richard M. Stallman and David MacKenzie.

REPORTING BUGS
GNU coreutils online help: <http://www.gnu.org/software/coreutils/>
Report ls translation bugs to <http://translationproject.org/team/>

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SEE ALSO
Full documentation at: <http://www.gnu.org/software/coreutils/ls>
or available locally via: info '(coreutils) ls invocation'

GNU coreutils 8.28
Manual page ls(1) line 164/207 (END) (press h for help or q to quit)
January 2018
LS(1)

Manuel page ls(1) line 164/207 (END) (press h for help or q to quit) | Terminal - root@kayon-pc11:... | 09 Okt, 16:53
```

```
Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
WHO(1)                               User Commands                               WHO(1)
WHO(1)
NAME
who - show who is logged on

SYNOPSIS
who [OPTION]... [ FILE | ARG1 ARG2 ]

DESCRIPTION
Print information about users who are currently logged in.

-a, --all
same as -b -d --login -p -r -t -T -u

-b, --boot
time of last system boot

-d, --dead
print dead processes

-H, --heading
print line of column headings

--ips
print ips instead of hostnames. with --lookup, canonicalizes based on stored IP, if available, rather than stored hostname

-l, --login
print system login processes

--lookup
attempt to canonicalize hostnames via DNS

-m
only hostname and user associated with stdin

-P, --process
print active processes spawned by init

-q, --count
all login names and number of users logged on

-r, --runlevel
print current runlevel

-s, --short
print only name, line, and time (default)
Manual page who(1) line 1/83 49% (press h for help or q to quit)
[Untitled 1 - LibreOffice Writer] > Terminal - root@kayon-pc11:... | 09 Okt, 16:55
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Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
-r, --runlevel
    print current runlevel
-s, --short
    print only name, line, and time (default)
-t, --time
    print last system clock change
-T, -w, --msg
    add user's message status as +, - or ?
-u, --users
    list users logged in
--message
    same as -T
--writable
    same as -T
--help display this help and exit
--version
    output version information and exit

If FILE is not specified, use /var/run/wtmp. /var/log/wtmp as FILE is common. If ARG1 ARG2 given, -m presumed: 'am i' or 'mom likes' are usual.

AUTHOR
Written by Joseph Arceneaux, David MacKenzie, and Michael Stone.

REPORTING BUGS
GNU coreutils online help: <http://www.gnu.org/software/coreutils/>
Report who translation bugs to <http://translationproject.org/team/>

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This is free software: you are free to change and redistribute it. There is NO WARRANTY, to the extent permitted by law.

SEE ALSO
Full documentation at: <http://www.gnu.org/software/coreutils/who>
or available locally via: info '(coreutils) who invocation'

GNU coreutils 8.28                               January 2018                               WHO(1)
Manual page who(1) line 40/83 (END) (press h for help or q to quit[])

```

```

Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
31 root    20  0      0   0      0 I  0,0  0,0  0:00.10 kworker/3:0-eve
32 root    0 -20     0   0      0 I  0,0  0,0  0:00.00 kworker/3:0H-kb
33 root    20  0      0   0      0 S  0,0  0,0  0:00.00 kdevtmpfs
34 root    0 -20     0   0      0 I  0,0  0,0  0:00.00 netns
35 root    20  0      0   0      0 S  0,0  0,0  0:00.00 rcu_tasks_kthre
root@kayon-pc11:/home/kayon-pc11# echo $$HELL
/bin/bash
root@kayon-pc11:/home/kayon-pc11# echo {con, pre}{sent, fer}{s, ed}
{con, pre}{sent, fer}{s, ed}
root@kayon-pc11:/home/kayon-pc11# man ls
root@kayon-pc11:/home/kayon-pc11# man ls
No manual entry for ls
root@kayon-pc11:/home/kayon-pc11# man ls
root@kayon-pc11:/home/kayon-pc11# apt install finger
Reading package lists... Done
Building dependency tree...
Reading state information... Done
The following NEW packages will be installed:
  finger
0 upgraded, 1 newly installed, 0 to remove and 143 not upgraded.
Need to get 15,6 kB of archives.
After this operation, 48,1 kB of additional disk space will be used.
Get:1 http://id.archive.ubuntu.com/ubuntu bionic/universe amd64 finger amd64 0.17-15.1 [15,6 kB]
Fetched 15,6 kB in 6s (2,767 B/s)
Selecting previously unselected package finger.
(Reading database ... 30500 files and directories currently installed.)
Preparing to unpack .../finger_0.17-15.1_amd64.deb ...
Unpacking finger (0.17-15.1) ...
Setting up finger (0.17-15.1) ...
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
root@kayon-pc11:/home/kayon-pc11# finger
Login      Name           Tty        Idle  Login Time  Office   Office Phone
Kayon-pc11  kayon-pc11   ttys          Oct  9 23:33 (:0)
root@kayon-pc11:/home/kayon-pc11# man who
root@kayon-pc11:/home/kayon-pc11# who can tell me about linux
who: extra operand `me'
Try `who --help' for more information.
root@kayon-pc11:/home/kayon-pc11# last
Kayon-pc  ttys          :0              Wed Oct  9 23:33  gone - no logout
reboot   system boot 5.0.0-31-generic Wed Oct  9 23:33  still running
Kayon-pc  ttys          :0              Tue Oct  8 16:08 - 17:27 (01:19)
reboot   system boot 5.0.0-31-generic Tue Oct  8 23:07 - 17:27 (-5:39)

wtmp begins Tue Oct  8 15:38:54 2019
root@kayon-pc11:/home/kayon-pc11# 
```

```

Terminal - root@kayon-pc11:/home/kayon-pc11# fdisk --help
fdisk: bad usage
Try 'fdisk --help' for more information.
root@kayon-pc11:/home/kayon-pc11# users
kayon-pc11
root@kayon-pc11:/home/kayon-pc11# cat/etc/fstab
bash: cat/etc/fstab: No such file or directory
root@kayon-pc11:/home/kayon-pc11# cal 2000
      Januari          Februari          Maret
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
  1   1   2   3   4   5   1   2   3   4
  2   3   4   5   6   7   8   9   10  11  12   5   6   7   8   9   10  11
  9  10  11  12  13  14  15  13  14  15  16  17  18  19  12  13  14  15  16  17  18
16 17 18 19 20 21 22 20 21 22 23 24 25 26 19 20 21 22 23 24 25
23 24 25 26 27 28 29 27 28 29 26 27 28 29 30 31
30 31

      April           Mei            Juni
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
  1   1   2   3   4   5   1   2   3
  2   3   4   5   6   7   8   9   10  11  12   4   5   6   7   8   9
  9  10  11  12  13  14  15  14  15  16  17  18  19  20  11  12  13  14  15  16  17
16 17 18 19 20 21 22 21 22 23 24 25 26 27 18 19 20 21 22 23 24
23 24 25 26 27 28 29 28 29 30 31   25 26 27 28 29 30
30

      Juli           Agustus          September
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
  1   1   2   3   4   5   1   2
  2   3   4   5   6   7   8   9   10  11  12   3   4   5   6   7   8
  9  10  11  12  13  14  15  13  14  15  16  17  18  19  10  11  12  13  14  15  16
16 17 18 19 20 21 22 20 21 22 23 24 25 26 17 18 19 20 21 22 23
23 24 25 26 27 28 29 27 28 29 30 31   24 25 26 27 28 29 30
30

      Oktober          November         Desember
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
  1   1   2   3   4   5   1   2
  2   3   4   5   6   7   8   9   10  11  12   3   4   5   6   7   8
  8  9  10  11  12  13  14  15  14  15  16  17  18  19  10  11  12  13  14  15  16
15 16 17 18 19 20 21 12 13 14 15 16 17 18 19 10 11 12 13 14 15 16
22 23 24 25 26 27 28 19 20 21 22 23 24 25 17 18 19 20 21 22 23
29 30 31   26 27 28 29 30   24 25 26 27 28 29 30
30

root@kayon-pc11:/home/kayon-pc11# []

```

```

Terminal - root@kayon-pc11:/home/kayon-pc11# cal 1752
      Januari          Februari          Maret
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
  1   1   2   3   4   5   1   2   3   4
  2   3   4   5   6   7   8   9   10  11  12   5   6   7   8   9   10  11
  9  10  11  12  13  14  15  13  14  15  16  17  18  19  12  13  14  15  16  17  18
16 17 18 19 20 21 22 20 21 22 23 24 25 26 19 20 21 22 23 24 25
23 24 25 26 27 28 29 27 28 29 30 31
30 31

      April           Mei            Juni
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
  1   1   2   3   4   5   1   2   3
  2   3   4   5   6   7   8   9   10  11  12   4   5   6   7   8   9
  9  10  11  12  13  14  15  14  15  16  17  18  19  20  10  11  12  13  14  15  16
16 17 18 19 20 21 22 21 22 23 24 25 26 27 18 19 20 21 22 23 24
23 24 25 26 27 28 29 28 29 30 31   25 26 27 28 29 30
30

      Juli           Agustus          September
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
  1   1   2   3   4   5   1   2
  2   3   4   5   6   7   8   9   10  11  12   3   4   5   6   7   8
  9  10  11  12  13  14  15  13  14  15  16  17  18  19  10  11  12  13  14  15  16
16 17 18 19 20 21 22 20 21 22 23 24 25 26 17 18 19 20 21 22 23
23 24 25 26 27 28 29 27 28 29 30 31   24 25 26 27 28 29 30
30

      Oktober          November         Desember
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
  1   1   2   3   4   5   1   2
  2   3   4   5   6   7   8   9   10  11  12   3   4   5   6   7   8
  8  9  10  11  12  13  14  15  14  15  16  17  18  19  10  11  12  13  14  15  16
15 16 17 18 19 20 21 12 13 14 15 16 17 18 19 10 11 12 13 14 15 16
22 23 24 25 26 27 28 19 20 21 22 23 24 25 17 18 19 20 21 22 23
29 30 31   26 27 28 29 30   24 25 26 27 28 29 30
31

root@kayon-pc11:/home/kayon-pc11# cal 9 1752
September 1752
Mi Se Se Ra Ka Ju Sa
  1   2   3   4   5   6
  7   8   9   10  11  12  13
14  15  16  17  18  19  20
21  22  23  24  25  26  27
28  29  30  31

root@kayon-pc11:/home/kayon-pc11# cal 10 2007
Oktober 2007
Mi Se Se Ra Ka Ju Sa
  1   2   3   4   5   6
  7   8   9   10  11  12  13
14  15  16  17  18  19  20
21  22  23  24  25  26  27
28  29  30  31

root@kayon-pc11:/home/kayon-pc11# []

```



```
Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
(standard_in) 1: syntax error
quit
root@kayon-pc11:/home/kayon-pc11# echo 5+4 | bc -l
9
root@kayon-pc11:/home/kayon-pc11# pwd
/home/kayon-pc11
root@kayon-pc11:/home/kayon-pc11# history
 1  clear
 2  apt update
 3  apt-get upgrade
 4  clear
 5  apt autoremove
 6  apt upgrade
 7  apt autoremove
 8  apt autoclean
 9  nano /etc/bash.bashrc
10  clear
11  apt install ssh
12  clear
13  apt install ssh
14  service ssh restart
15  apt install ubiquity-slideshow-xubuntu
16  apt install -f
17  clear
18  nano /etc/lsb-release
19  clear
20  clear
21  clear
22  lsb_release -a
23  clear
24  apt purge pinguybuilder
25  clear
26  apt autoremove
27  clear
28  apt autoclean
29  clear
30  kdiff3
31  cd ..
32  ls
33  rm -rf PinguyBuilder/*
34  ls
35  rm -rf PinguyBuilder
36  ls
37  cd master/
38  ls
39  rm -rf pinguybuilder_5.1-8_all.deb
```

```
Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
39 rm -rf pinguybuilder_5.1-8_all.deb
40 clear
41 ls
42 clear
43 apt updat
44 apt update
45 cea
46 clear
47 ez
48 ex
49 poweroff
50 clear
51 ls
52 apt update
53 clear
54 apt update
55 clear
56 apt update
57 apt upgrade
58 gdebi pinguybuilder_5.1-7_all.deb
59 clear
60 poweroff
61 nano /etc/lsb-release
62 lsb_release
63 lsb_release -a
64 clear
65 apt install ubiquity-slideshow-xubuntu
66 apt install -f
67 clear
68 apt update
69 apt autoremove
70 apt autoclean
71 rm -rf .cache/ -v
72 clear
73 apt install ubiquity-slide
74 clear
75 apt install ubiquity-slideshow-xubuntu
76 apt install ubiquity-frontend-gtk
77 nano /etc/issue
78 nano /etc/lsb-release
79 ls
80 cd ..
81 cd PinguyBuilder/
82 l
83 cd ISOTMP/
84 ls
```

```
Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
84 ls
85 cd ..
86 ls
87 scp Kayon_0.1_BETA2.iso brianadit24@192.168.24.2:/home/brianadit24
88 bismillah
89 clear
90 apt update
91 apt upgrade
92 clear
93 add-apt-repository ppa:numix/ppa
94 apt install --reinstall python3
95 ls
96 clear
97 add-apt-repository ppa:numix/ppa
98 apt install numix-icon-theme
99 clear
100 apt install numix-icon-theme-
101 clear
102 apt install ubiquity-slideshow-xubuntu
103 apt install --reinstall ubiquity-slideshow-xubuntu
104 apt autoremove
105 apt autoclean
106 clea
107 clear
108 apt update
109 clear
110 apt update
111 apt upgrade
112 clara
113 clear
114 nano /etc/apt/sources.list
115 clear
116 apt updae
117 clear
118 cd /usr/share/plmouth/themes/xubuntu-text/
119 ls
120 nano xubuntu-text.plymouth
121 clear
122 apt update
123 clear
124 nano /etc/lsb-release
125 update-grub
126 lsb_release -a
127 add-apt-repository ppa:numix/ppa
128 apt update
129 apt upgrade
09 Okt, 17:03
```

```
Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
129 apt upgrade
130 clear
131 cd /usr/share/ubiquity-slideshow/slides
132 ls
133 nano 01_welcome.html
134 nano 02_support.html
135 nano 03_support-live.html
136 nano 04_community.html
137 ls
138 clear
139 ls
140 cd Remastering/
141 ls
142 cd P
143 cd PinguyBuilder/
144 ls
145 scp Kayon-0.1-Beta.iso brianadit24@192.168.24.2:/home/brianadit24
146 clear
147 apt update
148 apt install ubiquity ubiquity-frontend-gtk
149 apt install -f
150 dpkg --configure
151 apt install 0
152 apt autoclean
153 apt autoremove
154 apt update
155 apt upgrade
156 apt dist-upgrade
157 dpkg --configure -a
158 apt purge lvm2
159 clear
160 apt autoremove
161 apt autoclean
162 clear
163 apt install ubiquity ubiquity-frontend-gtk
164 apt install -f
165 apt install lvm2
166 apt install --reinstall ubiquity ubiquity-frontend-gtk
167 clear
168 clear
169 clear
170 nano /usr/share/plmouth/themes/xubuntu-text/xubuntu-text.plymouth
171 cd /usr/share/ubiquity/gtk/
172 ls
173 cd ..
174 cd pixmaps/
09 Okt, 17:04
```

```
Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
174 cd pixmaps/
175 ls
176 cd ..
177 ls
178 cd ubiquity-slideshow/
179 ls
180 cd slides/
181 ls
182 nano 01_welcome.html
183 clear
184 apt update
185 clear
186 apt autoremove
187 apt autoclean
188 apt install -f
189 apt install -a
190 apt install -f
191 dpkg --install -f
192 dpkg --install -a
193 dpkg --configure -a
194 clear
195 clear
196 cd /home/master/
197 ls
198 clear
199 rm -rf .cache/ -v
200 clear
201 apt update
202 nano /etc/lsb-release
203 clear
204 update-grub
205 clear
206 cd ..
207 cd PinguyBuilder/
208 ls
209 scp Kayon-0.1-Beta.iso brianadit24@192.168.24.2
210 scp Kayon-0.1-Beta.iso brianadit24@192.168.24.2:/home/brianadit24
211 clear
212 poweroff
213 clear
214 nano /etc/bash.bashrc
215 clear
216 clear
217 clear
218 cd /usr/share/wallpapers/
219 ls
```

```
Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
219 ls
220 cd /usr/share/pixmaps/
221 ls
222 cd /usr/share/ubiquity
223 ls
224 cd pixmaps/
225 ls
226 cd ..
227 ls
228 cd ubiquity
229 ls
230 cd ..
231 cd ubiquity-slideshow/
232 ls
233 nano slideshow.conf
234 cd slides/
235 ls
236 cd /home/master/
237 ls
238 clear
239 nano /etc/lsb-release
240 nano /usr/share/ubiquity
241 cd /usr/share/ubiquity
242 ls
243 cd pixx
244 cd pixmaps/
245 ls
246 cd ubuntu/
247 ls
248 cd ..
249 ld
250 ls
251 cd ..
252 ls
253 cd ..
254 cd ubiquity-slideshow/
255 ls
256 nano slideshow.conf
257 cd slides/
258 ls
259 nano index.html
260 cd link
261 ls
262 nano base.css
263 ls
264 nano xubuntu.js
```

```
Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
264 nano xubuntu.js
265 clear
266 ls
267 nano xubuntu.js
268 cd ..
269 ls
270 cd l10n/
271 ls
272 cd ..
273 ls
274 nano 01_welcome.html
275 apt update
276 apt upgrade
277 nano /etc/lsb-release
278 clear
279 update-grub
280 add-apt-repository ppa:numix/ppa
281 nano /etc/lsb-release
282 update-grub
283 clear
284 add-apt-repository ppa:numix/ppa
285 clear
286 clear
287 cd /usr/share/ubiquity-slideshow/
288 ls
289 cd slides/
290 ls
291 ls
292 poweroff
293 apt update
294 apt dist-upgrade
295 add-apt-repository --yes ppa:js-reynaud/kicad-5 sudo apt-get update
296 add-apt-repository --yes ppa:js-reynaud/kicad-5
297 apt update
298 apt install kicad
299 apt install python
300 clear
301 apt install gvrng
302 apt update
303 apt purge gvrng
304 apt install python
305 clear
306 cp GvRng_4.4.zip /usr/share/
307 ls
308 cd /usr/share/
309 ls
Ubuntu 18.04 LTS [root@kayon-pc11 ~]# [Untitled 1 - LibreOffice Writer] Terminal - root@kayon-pc11:... 09 Okt, 17:04
```

```
Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
309 ls
310 unzip GvRng_4.4.zip
311 ls
312 cd GvRng_4.4/
313 ls
314 cd ..
315 mv GvRng_4.4 GvRng
316 ls
317 chmod +x GvRng/gvrng.py
318 nano /usr/games/gvrng
319 apt install python3.7
320 apt autoremove
321 apt update
322 apt install gvrng
323 apt install -f
324 apt install python-glade2 python-gtksourceview2
325 ls
326 dpkg -i gvrng_4.4-1.1.ubuntu1_all.deb
327 chmod -x /usr/share/GvRng/gvrng.py
328 which gvrng
329 dpkg-reconfigure -a
330 dpkg-reconfigure --all
331 apt install -f
332 nano /usr/games/gvrng
333 ls
334 cp GvRng_4.4.zip /opt/
335 cd /opt/
336 ls
337 unzip GvRng_4.4.zip
338 ls
339 rm -rf GvRng_4.4
340 unzip GvRng_4.4.zip
341 rm -rf GvRng_4.4.zip
342 ls
343 cd GvRng_4.4/
344 ls
345 nano /usr/games/gvrng
346 chmod -x /opt/GvRng_4.4/gvrng.py
347 cd ..
348 l
349 rm -rf GvRng_4.4/
350 cd /home/master/
351 s
352 ls
353 chmod -x /usr/share/GvRng/gvrng.py
354 ls
Ubuntu 18.04 LTS [root@kayon-pc11 ~]# [Untitled 1 - LibreOffice Writer] Terminal - root@kayon-pc11:... 09 Okt, 17:05
```

```
Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
354 ls
355 nano /usr/games/gvrng
356 chmod +x /usr/games/gvrng
357 history
358 ls
359 dpkg -i mysql-apt-config_0.8.13-1_all.deb
360 apt update
361 apt upgrade
362 apt install mysql-workbench-community
363 clear
364 cd /opt/
365 ls
366 mkdir pt
367 tar -zvxf Packet\ Tracer\ 7.2.1\ for\ Linux\ 64\ bit.tar.gz -C /opt/pt
368 cd /opt/pt/
369 ls
370 ./install
371 cd ..
372 rm -rf pt/
373 tar -zvxf Packet\ Tracer\ 7.2.1\ for\ Linux\ 64\ bit.tar.gz -C pt
374 cd /home/master/
375 tar -zvxf Packet\ Tracer\ 7.2.1\ for\ Linux\ 64\ bit.tar.gz -C pt
376 cd pt/
377 ls
378 ./install
379 cd ..
380 ex
381 exit
382 nano /etc/apt/sources.list
383 apt-get update
384 apt-get install gvrng
385 cp Gvrng_4.4.zip /opt/
386 cd /opt/
387 ls
388 unzip Gvrng_4.4.zip
389 ls
390 rm -rf Gvrng_4.4.zip
391 mv Gvrng_4.4/ gvrng4
392 ls
393 cd gvrng4/
394 ls
395 ./configure
396 ./configure
397 ls
398 cd ..
399 rm -rf gvrng4/
Ubuntu 12.04 LTS - Untitled 1 - LibreOffice Writer Terminal - root@kayon-pc11:... 09 Okt, 17:05
```

```
Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
489 mv test.script kayon.script
490 ls
491 nano kayon.script
492 cd /usr/share/plymouth/themes/kayon-logo/
493 ls
494 nano kayon.script
495 nano kayon.plymouth
496 exit
497 cd /usr/share/plymouth/themes/
498 ls
499 nano text.plymouth
500 cd ubuntu-text/
501 ls
502 nano ubuntu-text.plymouth
503 cd ..
504 cp 2.png /usr/share/xfce4/backdrops/
505 cd /usr/share/xfce4/backdrops/
506 ls
507 rm -rf xubuntu-wallpaper.png
508 mv 2.png Kayon-Main-Wallaper.png
509 ls
510 ln -s Kayon-Main-Wallaper.png xubuntu-wallpaper.png
511 nano /etc/lsb-release
512 update-grub
513 apt update
514 apt upgrade
515 clear
516 apt autoremove
517 apt autoclean
518 rm -rf .cache/ -v
519 apt purge mysql-workbench-community
520 apt autoremove
521 apt autoclean
522 cd bochs-2.6.9/
523 ls
524 exit
525 tar -zvxf bochs-2.6.9.tar.gz
526 exit
527 bismillah
528 mv bochs-2.6.9 bochs
529 cd bochs/
530 ./config
531 ./configure
532 make
533 make install
534 ls
Ubuntu 12.04 LTS - Untitled 1 - LibreOffice Writer Terminal - root@kayon-pc11:... 09 Okt, 17:06
```

```
Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
534 ls
535 xdg-open INSTALL
536 xdg-open install
537 make
538 exit
539 cp bochs-2.6.9.tar.gz /opt/
540 apt install bochs
541 apt upgrade
542 apt autoremove
543 apt autoclean
544 cd .
545 rm -rf bochs
546 ls
547 rm bochs-2.6.9.tar.gz
548 cd /usr/share/plimouth/themes/
549 cd xubuntu-
550 cd xubuntu-text/
551 ls
552 nano xubuntu-text.plymouth
553 ls
554 cd ..
555 ls
556 cd ubuntu-text/
557 ls
558 nano ubuntu-text.plymouth
559 cd ..
560 update-initramfs
561 update-initramfs -u
562 nano /etc/lsb-release
563 update-grub
564 apt update
565 apt upgrade
566 apt autoremove
567 apt autoclean
568 cd /home/master/
569 rm -rf .cache/ -v
570 apt install bochs
571 apt purge bochs
572 apt autoremove
573 clear
574 rm -rf .cache/ -v
575 apt autoremove
576 clear
577 apt update
578 apt upgrade
579 cd /usr/share/themes/
09 Okt, 17:06
```

```
Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
624 nano fontconfig/
625 cd iso-codes/
626 ls
627 cd ..
628 ls
629 cd xml/
630 ls
631 cd libglade/
632 l
633 ls
634 nano glade-2.0.dtd
635 cd..
636 cd..
637 cd..
638 cd..
639 whereis xml.default
640 which xml.default
641 clear
642 cd /usr/share/ubiquity-slideshow/slides/
643 ls
644 nano 01_welcome.html
645 nano 02_support.html
646 nano 03_support-live.html
647 nano 04_community.html
648 nano index.html
649 cd images/
650 ls
651 nano /etc/issue.net
652 nano /etc/issue.net
653 nano /usr/share/plimouth/themes/text.plymouth
654 nano /etc/default/grub
655 update-grub
656 cd ..
657 cd PinguyBuilder/PinguyBuilder/
658 ls
659 scp kayon-xfce-12.6-stable-x86_64.iso brianadit24@192.168.24.2:/media/brianadit24/SanDisk/Kayon 12.6 XFCE/
660 scp kayon-xfce-12.6-stable-x86_64.iso brianadit24@192.168.24.2:/media/brianadit24/SanDisk
661 scp kayon-xfce-12.6-stable-x86_64.iso brianadit24@192.168.24.2:/media/brianadit24/SanDisk/Kayon 12.6 XFCE
662 scp kayon-xfce-12.6-stable-x86_64.iso brianadit24@192.168.24.2:/media/brianadit24/SanDisk
663 cd ..
664 cd PinguyBuilder/PinguyBuilder/
665 ls
666 scp kayon-xfce-12.6-stable-x86_64.iso brianadit24@192.168.24.2:/media/brianadit24/SanDisk
667 apt install ubiquity-casper
668 apt install ubiquity
669 apt install ubiquity-slideshow-xubuntu
09 Okt, 17:06
```

```
File Edit View Terminal Tabs Help
669 apt install ubiquity-slideshow-xubuntu
670 apt install ubiquity
671 clear
672 apt install ubiquity
673 apt update
674 apt install ubiquity
675 apt update
676 ping 8.8.8.8
677 apt update
678 rm -rf /var/lib/apt/lists/lock
679 apt update
680 apt install ubiquity
681 rm -rf .cache/
682 apt install ubiquity
683 apt install ubiquity-casper
684 apt install ubiquity-frontend-gtk
685 apt autoclean
686 apt autoremove
687 apt install ubiquity
688 rm -rf .cache/ -v
689 apt install ubiquity
690 cd PinguyBuilder/PinguyBuilder/
691 cd ..
692 cd PinguyBuilder/PinguyBuilder/
693 ls
694 scp kayon-xfce-12.6-stable-x86_64.iso brianadit24@192.168.24.2:/media/brianadit24/SanDisk
695 apt update
696 nano /etc/apt/sources.list
697 apt update
698 apt upgrade
699 apt install -f
700 update-grub
701 passwd
702 passwd kayon-pc11
703 echo halo dunia
704 date
705 hostname
706 srch
707 arch
708 uname -a
709 dmesg | more
710 uptime
711 whoami
712 who
713 id
714 username id
```

```
File Edit View Terminal Tabs Help
714 username id
715 user id
716 last
717 finger
718 w
719 top
720 echo {con,pre}{sent,fer}{s,ed}
721 man ls
722 mfl WHO
723 MAN\\man who
724 man who
725 who can tell me aout linux
726 clear
727 fdisk -l
728 fdisk -l
729 users
730 cat /etc/fstab
731 call 2000
732 cal 2000
733 cal 9 1752
734 bc -l
735 echo 5+4 | bc -l
736 yes please
737 pwd
738 history
739 tail -f /var/log/message
740 lsmod
741 ps -axu
742 lspci
743 cls
744 clear
745 ls
746 ls -l
747 ls /home
748 whatid ls
749 whatis ls
750 mkdir informatika
751 rmdir informatika
752 which mkdir
753 whereis mkdir
754 free
755 pstree
756 halt
757 echo halo dunia
758 data
759 date
```

```
File Edit View Terminal Tabs Help
Terminal - root@kayon-pc11:/home/kayon-pc11
759 date
760 hostname
761 arch
762 uname
763 echo halo dunia
764 date
765 hostname
766 arch
767 uname -a
768 dmesg | more
769 uptime
770 whoami
771 who
772 id
773 last
774 finger
775 w
776 top
777 echo $SHELL
778 echo {con,pre}{sent,fer}{s,ed}
779 man ls
780 man who
781 who can tell me about linux
782 last
783 clear
784 fdisk -l
785 users
786 cat /etc/fstab
787 cal 2000
788 cal 9 1752
789 cal 10 2007
790 bc -l
791 echo 5+4 | bc -l
792 yes please
793 echo halo dunia
794 date
795 hostname
796 arch
797 uname -a
798 dmesg | more
799 uptime
800 whoami
801 who
802 id
803 last
804 finger
09 Okt, 17:07
```

```
File Edit View Terminal Tabs Help
Terminal - root@kayon-pc11:/home/kayon-pc11
804 finger
805 ls
806 ls
807 ls
808 ls -l
809 ls-l
810 ls-l
811 ls_l
812 ls
813 ls -l
814 ls /home
815 whatis ls
816 mkdir informatika
817 rmdir informatika
818 which mkdir
819 whereis mkdir
820 free
821 pstree
822 echo halo dunia
823 date
824 hostname
825 arch
826 uname -a
827 dmesg | more
828 uptime
829 whoami
830 who
831 id
832 last
833 finger
834 w
835 top
836 echo $SHELL
837 echo {con, pre}{sent, fer}{s, ed}
838 man ls
839 man ls
840 man ls
841 apt install finger
842 finger
843 man who
844 who can tell me about linux
845 last
846 clear
847 fdisk
848 users
849 cat/etc/fstab
09 Okt, 17:07
```

```

File Edit View Terminal Tabs Help
858 pwd
859 history
root@kayon-pc11:/home/kayon-pc11# tail -f /var/log/message
tail: cannot open '/var/log/message' for reading: No such file or directory
tail: no files remaining
root@kayon-pc11:/home/kayon-pc11# tail -f /var/log/message
tail: invalid option -- '/'
Try 'tail --help' for more information.
root@kayon-pc11:/home/kayon-pc11# lsmod
Module           Size Used by
ufs              81920  0
qnx4             16384  0
hfsplus           110592  0
hfs               61440  0
minix              36564  0
ntfs              106496  0
msdos              20480  0
jffs              188416  0
xfs              1236992  0
cpuid             16384  0
intel_rapl          24576  0
x86_pkg_temp_thermal  20480  0
intel_powerclamp      20480  0
coretemp            20480  0
kvm_intel           241664  0
kvm                630784  1 kvm_intel
irqbypass          16384  1 kvm
snd_hda_codec_hdmi   53248  1
crc32_pcmul          16384  1
crc32_pcmuln          16384  0
snd_hda_codec_realtek  114688  1
ghash_cmac_ni_intel   16384  0
aesni_intel           372736  0
snd_hda_codec_generic  77824  1 snd_hda_codec_realtek
aes_x64_64            20480  1 aesni_intel
crypto_simd            16384  1 aesni_intel
eepc_wmi              16384  0
ledtrig_audio          16384  2 snd_hda_codec_generic,snd_hda_codec_realtek
cryptd                24576  3 crypto_simd,ghash_ctmul_ni_intel,aesni_intel
joydev                 28672  0
snd_hda_intel           49152  2
glue_helper            16384  1 aesni_intel
input_leds              16384  0
intel_cstate            20480  0
snd_hda_codec           135168  4 snd_hda_codec_generic,snd_hda_codec_hdmi,snd_hda_intel,snd_hda_codec_realtek
intel_rapl_perf          16384  0

```

```

File Edit View Terminal Tabs Help
snd_hda_intel           49152  2
glue_helper            16384  1 aesni_intel
input_leds              16384  0
intel_cstate            20480  0
snd_hda_codec           135168  4 snd_hda_codec_generic,snd_hda_codec_hdmi,snd_hda_intel,snd_hda_codec_realtek
intel_rapl_perf          16384  0
snd_hda_core             86016  5 snd_hda_codec_generic,snd_hda_codec_hdmi,snd_hda_intel,snd_hda_codec,snd_hda_codec_realtek
snd_hwdep                20480  1 snd_hda_codec
snd_pcm                  102400  4 snd_hda_codec_hdmi,snd_hda_intel,snd_hda_codec,snd_hda_core
snd_seq_midi              20480  0
snd_seq_midi_event        16384  1 snd_seq_midi
snd_rawmidi              36564  1 snd_seq_midi
snd_seq                  69632  2 snd_seq_midi,snd_seq_midi_event
asus_wmi                 28672  1 eepc_wmi
snd_seq_device            16384  3 snd_seq,snd_seq_midi,snd_rawmidi
sparse_keymap            16384  1 asus_wmi
mei_me                   40960  0
snd_timer                 36564  2 snd_seq,snd_pcm
snd                      86016  15 snd_hda_codec_generic,snd_seq,snd_seq_device,snd_hda_codec_hdmi,snd_hwdep,snd_hda_intel,snd_hda_codec,snd_hda_codec_realtek,snd_timer,snd_pcm,snd_rawmidi
mei                     106496  1 mei_me
lpc_ich                  24576  0
wmi_bmf                  16384  0
soundcore                 16384  1 snd
mac_hid                   16384  0
nvidia_uvm                819200  0
sch_tq_codelet            20480  2
parport_pc                  36564  1
ppdev                     24576  0
lp                      20480  0
parport                  53248  3 parport_pc,lp,ppdev
ip_tables                  32768  0
x_tables                  40960  1 ip_tables
autofs4                  45056  2
btrfs                     1175532  0
xor                     24576  1 btrfs
zstd_compress              163840  1 btrfs
raid6_pq                  114688  1 btrfs
libcrc32c                  16384  2 btrfs,xfs
dm_mirror                  24576  0
dm_region_hash              20480  1 dm_mirror
dm_log                     20480  2 dm_region_hash,dm_mirror
hid_generic                 16384  0
usbhid                     53248  0
hid                      126976  2 usbhid,hid_generic
nvidia_drm                  49152  3
nvidia_modeset            1110016  3 nvidia drm

```

```
Terminal - root@kayon-pc11:/home/kayon-pc11

File Edit View Terminal Tabs Help
nvidia_modeset 1110016 3 nvidia_drm
nvidia 18792448 85 nvidia_uvm,nvidia_modeset
drm_kms_helper 180224 1 nvidia_drm
syscopyarea 16384 1 drm_kms_helper
sysfillrect 16384 1 drm_kms_helper
sysimgblt 16384 1 drm_kms_helper
fb_sys_fops 16384 1 drm_kms_helper
drm 483328 6 drm_kms_helper,nvidia_drm
r8169 86016 0
ahci 40960 1
ipmi_devintf 20480 0
realtek 20480 0
libahci 32768 1 ahci
ipmi_msghandler 102400 2 ipmi_devintf,nvidia
wmi 28672 2 asus_wmi,wmi_bfow
video 49152 1 asus_wmi
root@kayon-pc11:/home/kayon-pc11# ps -axu
USER PID %CPU %MEM VSZ RSS TTY STAT START TIME COMMAND
root 1 0.0 0.1 159864 9148 ? Ss 16:33 0:01 /sbin/init splash
root 2 0.0 0.0 0 0 ? S 16:33 0:00 [kthreadd]
root 3 0.0 0.0 0 0 ? I< 16:33 0:00 [rcu_gp]
root 4 0.0 0.0 0 0 ? I< 16:33 0:00 [rcu_par_gp]
root 6 0.0 0.0 0 0 ? I< 16:33 0:00 [kworker/0:0H-kb]
root 8 0.0 0.0 0 0 ? I< 16:33 0:00 [mem_pcpucpu_wq]
root 9 0.0 0.0 0 0 ? S 16:33 0:00 [ksoftirqd/0]
root 10 0.0 0.0 0 0 ? I 16:33 0:00 [rcu_sched]
root 11 0.0 0.0 0 0 ? S 16:33 0:00 [migration/0]
root 12 0.0 0.0 0 0 ? S 16:33 0:00 [idle_inject/0]
root 13 0.0 0.0 0 0 ? I 16:33 0:00 [kworker/0:1-mm_]
root 14 0.0 0.0 0 0 ? S 16:33 0:00 [cpuhp/0]
root 15 0.0 0.0 0 0 ? S 16:33 0:00 [uhubp/1]
root 16 0.0 0.0 0 0 ? S 16:33 0:00 [idle_inject/1]
root 17 0.0 0.0 0 0 ? S 16:33 0:00 [migration/1]
root 18 0.0 0.0 0 0 ? S 16:33 0:00 [ksoftirqd/1]
root 20 0.0 0.0 0 0 ? I< 16:33 0:00 [kworker/1:0H-kb]
root 21 0.0 0.0 0 0 ? S 16:33 0:00 [cpuhp/2]
root 22 0.0 0.0 0 0 ? S 16:33 0:00 [idle_inject/2]
root 23 0.0 0.0 0 0 ? S 16:33 0:00 [migration/2]
root 24 0.0 0.0 0 0 ? S 16:33 0:00 [ksoftirqd/2]
root 26 0.0 0.0 0 0 ? I< 16:33 0:00 [kworker/2:0H-kb]
root 27 0.0 0.0 0 0 ? S 16:33 0:00 [cpuhp/3]
root 28 0.0 0.0 0 0 ? S 16:33 0:00 [idle_inject/3]
root 29 0.0 0.0 0 0 ? S 16:33 0:00 [migration/3]
root 30 0.0 0.0 0 0 ? S 16:33 0:00 [ksoftirqd/3]
root 31 0.0 0.0 0 0 ? I 16:33 0:00 [kworker/3:0-mm_]
root 32 0.0 0.0 0 0 ? I< 16:33 0:00 [kworker/3:0H-kb]
root@kayon-pc11:/home/kayon-pc11#
```

```
Terminal - root@kayon-pc11:/home/kayon-pc11

File Edit View Terminal Tabs Help
root 32 0.0 0.0 0 0 ? I< 16:33 0:00 [kworker/3:0H-kb]
root 33 0.0 0.0 0 0 ? S 16:33 0:00 [kdevtmpfs]
root 34 0.0 0.0 0 0 ? I< 16:33 0:00 [netns]
root 35 0.0 0.0 0 0 ? S 16:33 0:00 [rcu_tasks_kthre]
root 36 0.0 0.0 0 0 ? S 16:33 0:00 [kauditd]
root 37 0.0 0.0 0 0 ? S 16:33 0:00 [khungtaskd]
root 38 0.0 0.0 0 0 ? S 16:33 0:00 [oom_reaper]
root 39 0.0 0.0 0 0 ? I< 16:33 0:00 [writefback]
root 40 0.0 0.0 0 0 ? S 16:33 0:00 [kcompactd0]
root 41 0.0 0.0 0 0 ? SN 16:33 0:00 [ksmd]
root 42 0.0 0.0 0 0 ? SN 16:33 0:00 [khugepaged]
root 43 0.0 0.0 0 0 ? I< 16:33 0:00 [crypto]
root 44 0.0 0.0 0 0 ? I< 16:33 0:00 [kintegrityd]
root 45 0.0 0.0 0 0 ? I< 16:33 0:00 [kblockd]
root 46 0.0 0.0 0 0 ? I< 16:33 0:00 [tpm dev wq]
root 47 0.0 0.0 0 0 ? I< 16:33 0:00 [ata_sff]
root 48 0.0 0.0 0 0 ? I< 16:33 0:00 [md]
root 49 0.0 0.0 0 0 ? I< 16:33 0:00 [edac-poller]
root 50 0.0 0.0 0 0 ? I< 16:33 0:00 [devfreq_wq]
root 51 0.0 0.0 0 0 ? S 16:33 0:00 [watchdogd]
root 53 0.0 0.0 0 0 ? I 16:33 0:00 [kworker/3:1-cgr]
root 54 0.0 0.0 0 0 ? I 16:33 0:00 [kworker/1:1-eve]
root 58 0.0 0.0 0 0 ? S 16:33 0:00 [kswapd0]
root 59 0.0 0.0 0 0 ? I< 16:33 0:00 [kworker/0:0]
root 60 0.0 0.0 0 0 ? S 16:33 0:00 [cryptopfs-kthread]
root 149 0.0 0.0 0 0 ? I< 16:33 0:00 [kthrotld]
root 150 0.0 0.0 0 0 ? I< 16:33 0:00 [ip6_thermal_pm]
root 151 0.0 0.0 0 0 ? I< 16:33 0:00 [ipv6_addrconf]
root 162 0.0 0.0 0 0 ? I< 16:33 0:00 [kstrip]
root 181 0.0 0.0 0 0 ? I< 16:33 0:00 [charger_manager]
root 233 0.0 0.0 0 0 ? S 16:33 0:00 [scsi_eh_0]
root 235 0.0 0.0 0 0 ? I< 16:33 0:00 [scsi_tm_0]
root 236 0.0 0.0 0 0 ? S 16:33 0:00 [scsi_eh_1]
root 237 0.0 0.0 0 0 ? I< 16:33 0:00 [scsi_tm_1]
root 238 0.0 0.0 0 0 ? S 16:33 0:00 [scsi_eh_2]
root 239 0.0 0.0 0 0 ? I< 16:33 0:00 [scsi_tm_2]
root 240 0.0 0.0 0 0 ? S 16:33 0:00 [scsi_eh_3]
root 241 0.0 0.0 0 0 ? I< 16:33 0:00 [scsi_tm_3]
root 242 0.0 0.0 0 0 ? S 16:33 0:00 [scsi_eh_4]
root 243 0.0 0.0 0 0 ? I< 16:33 0:00 [scsi_tm_4]
root 244 0.0 0.0 0 0 ? S 16:33 0:00 [scsi_eh_5]
root 245 0.0 0.0 0 0 ? I< 16:33 0:00 [scsi_tm_5]
root 250 0.0 0.0 0 0 ? S 16:33 0:00 [nv_queue]
root 251 0.0 0.0 0 0 ? S 16:33 0:00 [nv_queue]
root 253 0.0 0.0 0 0 ? I 16:33 0:00 [kworker/0:8-ev]
root 256 0.0 0.0 0 0 ? I 16:33 0:00 [kworker/2:2-ev]
root@kayon-pc11:/home/kayon-pc11#
```

```

Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
root 256 0.0 0.0 0 0 ? I 16:33 0:00 [kworker/2:2-evel]
root 257 0.0 0.0 0 0 ? S 16:33 0:00 [nvidia-modeset/]
root 258 0.0 0.0 0 0 ? S 16:33 0:00 [nvidia-modeset/]
root 259 0.0 0.0 0 0 ? I< 16:33 0:00 [kworker/0:1h-kb]
root 260 0.0 0.0 0 0 ? I< 16:33 0:00 [kworker/2:1h-kb]
root 370 0.0 0.0 0 0 ? I< 16:33 0:00 [kworker/3:1h-kb]
root 371 0.0 0.0 0 0 ? S 16:33 0:00 [jbd2/sda5-8]
root 372 0.0 0.0 0 0 ? I< 16:33 0:00 [ext4-rsv-conver]
root 385 0.0 0.0 0 0 ? I< 16:33 0:00 [kworker/1:1h-kb]
root 412 0.0 0.2 111380 17400 ? Ss 16:33 0:00 /lib/systemd/journald
root 435 0.0 0.0 105900 1892 ? Ss 16:33 0:00 /sbin/lvmetad -f
root 441 0.0 0.0 47504 5672 ? Ss 16:33 0:00 /lib/systemd/udevd
systemd+ 453 0.0 0.0 143984 3288 ? Ssl 16:33 0:00 /lib/systemd/timesyncd
systemd+ 454 0.0 0.0 70756 5432 ? Ss 16:33 0:00 /lib/systemd-resolved
root 478 0.0 0.0 0 0 ? S 16:33 0:00 [UVM global queue]
root 479 0.0 0.0 0 0 ? S 16:33 0:00 [UVM deferred re]
root 480 0.0 0.0 0 0 ? S 16:33 0:00 [UVM Tools Event]
root 508 0.0 0.0 0 0 ? S 16:33 0:00 [irq/28-meic_wel]
root 665 0.0 0.0 0 0 ? I< 16:33 0:00 [led_workqueue]
root 792 0.0 0.1 503192 11420 ? Ss 16:33 0:00 /usr/lib/udisks2/udisksd
root 793 0.0 0.1 187436 9356 ? Ssl 16:33 0:00 /usr/sbin/thermald -no-daemon --dbus-enable
root 798 0.0 0.0 295200 7044 ? Ss 16:33 0:00 /usr/lib/accountsservice/accounts-daemon
nvidia+- 863 0.0 0.0 0 0 ? S 16:33 0:00 /usr/nvidia-persistenced --user nvidia-persistenced --no-persistence-mode --verbose
root 820 0.0 0.0 0 0 ? S 16:33 0:00 /usr/sbin/irqbalance --foreground
root 825 0.0 0.1 434320 9580 ? Ssl 16:33 0:00 /usr/sbin/ModemManager --filter-policy=strict
root 826 0.0 0.2 378160 17372 ? S 16:33 0:00 /usr/bin/python3 /usr/bin/networkd-dispatcher --run-startup-triggers
root 827 0.0 0.0 70664 6132 ? Ss 16:33 0:00 /lib/systemd/systemd-logind
root 828 0.0 0.0 38982 3304 ? Ss 16:33 0:00 /usr/sbin/cron -f
root 829 0.0 0.0 23500 2740 ? Ss 16:33 0:00 /usr/sbin/anaconda -dsq
syslog 830 0.0 0.0 263032 4500 ? Ssl 16:33 0:00 /usr/sbin/syslog -n
avahi 831 0.0 0.0 47252 3180 ? Ss 16:33 0:00 avahi-daemon: running [kayon-pc11.local]
root 832 0.0 0.0 4548 756 ? Ss 16:33 0:00 /usr/bin/acpid
message+ 835 0.0 0.0 51368 5792 ? Ss 16:33 0:00 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation --syslog-only
avahi 837 0.0 0.0 47072 336 ? Ss 16:33 0:00 avahi-daemon: chroot helper
root 854 0.0 0.2 488308 16304 ? Ssl 16:33 0:00 /usr/bin/NetworkManager --no-daemon
root 857 0.0 0.0 45224 532 ? Ss 16:33 0:00 /sbin/wpa_supplicant -u -s -0 /run/wpa_supplicant
root 868 0.0 0.0 303828 9640 ? Ss 16:33 0:00 /usr/lib/policykit-1/polkitd --no-debug
root 901 0.0 0.0 194864 20424 ? Ssl 16:33 0:00 /usr/bin/python3 /usr/share/unattended-upgrades/unattended-upgrade-shutdown --wait-for-signal
root 913 0.0 0.0 364356 6900 ? Ss 16:33 0:00 /usr/sbin/lightdm
root 941 0.0 0.0 72292 5632 ? Ss 16:33 0:00 /usr/sbin/dhclient -D
root 952 1.6 0.8 357804 67208 pts/7 Ssl+ 16:33 0:37 [user@kayon-pc11 ~] * /usr/lib/xorg/Xorg -core :0 -seat seat0 -auth /var/run/lightdm/root/:0 -nolisten tcp vt7 -novtswitch
root 956 0.0 0.0 259808 6040 ? Ss 16:33 0:00 /sbin/dhcpc -d -q -sf /usr/lib/NetworkManager/nm-dhcp-helper -pf /run/dhcclient-enp3s0.pid -lf /var/lib/NetworkManager/dhclient-enp3s0.lease
root 972 0.1 0.0 0 0 ? Ss 16:33 0:02 [irq/27-nvidia]
root 973 0.0 0.0 0 0 ? Ss 16:33 0:02 [nvidia]
root 974 0.1 0.0 0 0 ? Ss 16:33 0:02 [nv_queue]
root 1068 0.0 0.0 258548 6980 ? Ss 16:33 0:00 lightdm -session-child 13 20

```

```

Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
kayon-p+ 2029 0.0 0.0 82724 6928 ? Ss 16:34 0:00 /usr/lib/bluetooth/obexd
root 2046 0.0 0.1 374164 13780 ? Ssl 16:34 0:00 /usr/lib/packagekit/packagekitd
root 2478 0.0 0.0 0 0 ? I< 16:40 0:00 [xfsalloc]
root 2479 0.0 0.0 0 0 ? I< 16:40 0:00 [xfs_mru_cache]
root 2491 0.0 0.0 0 0 ? S 16:40 0:00 [jfsIO]
root 2492 0.0 0.0 0 0 ? S 16:40 0:00 [jfsCommit]
root 2493 0.0 0.0 0 0 ? S 16:40 0:00 [jfsCommit]
root 2494 0.0 0.0 0 0 ? S 16:40 0:00 [jfsCommit]
root 2495 0.0 0.0 0 0 ? S 16:40 0:00 [jfsCommit]
root 2496 0.0 0.0 0 0 ? S 16:40 0:00 [jfsSync]
kayon-p+ 2694 0.8 0.5 592260 46124 ? Ss 16:34 0:18 /usr/bin/xfce4-terminal
kayon-p+ 2699 0.0 0.0 30032 4812 pts/0 Ss 16:34 0:00 bash
root 2980 0.0 0.0 73424 4400 pts/0 S 16:36 0:00 sudo su
root 2981 0.0 0.0 72712 3936 pts/0 S 16:36 0:00 su
root 2982 0.0 0.0 30084 5040 pts/0 S 16:36 0:00 bash
kayon-p+ 4438 0.0 0.0 204836 4816 ? Ssl 16:37 0:00 /usr/lib/gvfs/gvfsd-metadata
kayon-p+ 5618 0.0 0.0 144816 6312 ? Ss 16:46 0:00 /usr/lib/libreoffice/program/oosplash --writer
kayon-p+ 8635 1.9 4.0 1326700 329756 ? Ss 16:46 0:29 /usr/lib/libreoffice/program/soffice.bin --writer --splash-pipe=5
root 8675 0.0 0.0 0 0 ? I 16:48 0:00 [kworker/2:0-cgr]
root 9796 0.0 0.0 0 0 ? I 17:00 0:00 [kworker/u8:1-ev]
root 10349 0.0 0.0 0 0 ? I 17:09 0:00 [kworker/u8:0]
root 10412 0.0 0.0 47236 3812 pts/0 R+ 17:11 0:00 ps -axu
root 16459 0.0 0.0 0 0 ? I 16:38 0:00 [kworker/1:0-cgr]
root 16461 0.0 0.0 108152 7940 ? Ss 16:38 0:00 /usr/sbin/cupsd -l
root 16462 0.0 0.1 303520 11084 ? Ss 16:38 0:00 /usr/sbin/cups-browsed
root 16465 0.0 0.0 0 0 ? I 16:38 0:00 [kworker/0:0-cgr]
root@kayon-pc11:/home/kayon-pc11# lspci
00:00.0 Host bridge: Intel Corporation 4th Gen Core Processor DRAM Controller (rev 06)
00:01.0 PCI bridge: Intel Corporation Xeon E3-1200 v3/4th Gen Core Processor PCI Express x16 Controller (rev 06)
00:14.0 USB controller: Intel Corporation 8 Series/C220 Series Chipset Family USB xHCI (rev 05)
00:16.0 Communication controller: Intel Corporation 8 Series/C220 Series Chipset Family MEI Controller #1 (rev 04)
00:1a:0 USB controller: Intel Corporation 8 Series/C220 Series Chipset Family USB EHCI #2 (rev 05)
00:1b:0 Audio device: Intel Corporation 8 Series/C220 Series Chipset High Definition Audio Controller (rev 05)
00:1c:0 PCI bridge: Intel Corporation 9 Series/C220 Series Chipset Family PCI Express Root Port #1 (rev d5)
00:1c:2 PCI bridge: Intel Corporation 9 Series/C220 Series Chipset Family PCI Express Root Port #3 (rev d5)
00:1c:5 PCI bridge: Intel Corporation B2801 PCI Bridge (rev d5)
00:1d:0 USB controller: Intel Corporation 8 Series/C220 Series Chipset Family USB EHCI #1 (rev 05)
00:1f:0 ISA bridge: Intel Corporation H81 Express LPC Controller (rev 05)
00:1f:2 SATA controller: Intel Corporation 8 Series/C220 Series Chipset Family 6-port SATA Controller 1 [AHCI mode] (rev 05)
00:1f:3 SMBus: Intel Corporation 8 Series/C220 Series Chipset Family SMBus Controller (rev 05)
01:00:0 VGA compatible controller: NVIDIA Corporation GM107 [GeForce GTX 750 Ti] (rev a2)
01:00:1 Audio device: NVIDIA Corporation Device 0fb0 (rev a1)
03:00:0 Ethernet controller: Realtek Semiconductor Co., Ltd. RTL8111/8168/8411 PCI Express Gigabit Ethernet Controller (rev 11)
04:00:0 PCI bridge: ASMedia Technology Inc. ASM1083/1085 PCIe to PCI Bridge (rev 04)
root@kayon-pc11:/home/kayon-pc11# 

```

KayonUMS [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Berkas Sunting Tampilan Terminal Tab Bantuan

Terminal - ridho@ridho-VirtualBox: ~

```
ridho@ridho-VirtualBox:~$ ls
Desktop Dokumen Gambar Musik pt Publik Templat Unduhan Video
ridho@ridho-VirtualBox:~$ ls -l
total 36
drwxr-xr-x 2 ridho ridho 4096 Sep 16 13:03 Desktop
drwxr-xr-x 2 ridho ridho 4096 Sep 16 13:03 Dokumen
drwxr-xr-x 2 ridho ridho 4096 Sep 16 13:03 Gambar
drwxr-xr-x 2 ridho ridho 4096 Sep 16 13:03 Musik
drwxrwxr-x 6 ridho ridho 4096 Sep 16 13:07 pt
drwxr-xr-x 2 ridho ridho 4096 Sep 16 13:03 Publik
drwxr-xr-x 2 ridho ridho 4096 Sep 16 13:03 Templat
drwxr-xr-x 2 ridho ridho 4096 Sep 16 13:03 Unduhan
drwxr-xr-x 2 ridho ridho 4096 Sep 16 13:03 Video
ridho@ridho-VirtualBox:~$ ls -l/home
ls: pilihan tidak valid -- '/'
Try 'ls --help' for more information.
ridho@ridho-VirtualBox:~$ whatis ls
ls: tidak ada yang sesuai.
ridho@ridho-VirtualBox:~$ whatis mkdir
mkdir: tidak ada yang sesuai.
ridho@ridho-VirtualBox:~$ mkdir informatika
ridho@ridho-VirtualBox:~$ touch rpl.txt
ridho@ridho-VirtualBox:~$ rm rpl.txt
ridho@ridho-VirtualBox:~$ which mkdir
/bin/mkdir
ridho@ridho-VirtualBox:~$ whereis ls
whereis: perintah tidak ditemukan
ridho@ridho-VirtualBox:~$ whereis ls
ls: /bin/ls /usr/share/man/man1/ls.1.gz
ridho@ridho-VirtualBox:~$ df
Sistem Berkas 1K-blok Isi Sisa Isi% Dipasang di
udev           546464     0  546464  0% /dev
tmpfs          116148   1036 115112  1% /run
/dev/sdal      10253588 6180836 3532184 64% /
tmpfs          580736    0  580736  0% /dev/shm
tmpfs          5120      4   5116  1% /run/lock
tmpfs          580736    0  580736  0% /sys/fs/cgroup
ridho@ridho-VirtualBox:~$
```

16 Okt, 22:34

22:34 16/10/2019

KayonUMS [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Berkas Sunting Tampilan Terminal Tab Bantuan

```
Terminal - ridho@ridho-VirtualBox: ~
tmpfs      580736     0  580736  0% /dev/shm
tmpfs      5120       4   5116  1% /run/lock
tmpfs      580736     0  580736  0% /sys/fs/cgroup
tmpfs     116144    12  116132  1% /run/user/1000
ridho@ridho-VirtualBox: ~ du
4 ./TempLat
4 ./pt/templates
4 ./pt/saves
4 ./pt/extensions
16 ./pt/logs
44 ./pt
4 ./Dokumen
4 ./Video
4 ./Unduhan
44 ./gnome2/gtksourceview-1.0/language-specs
48 ./gnome2/gtksourceview-1.0
52 ./gnome2
4 ./local/share/nano
8 ./local/share/PacketTracer7/LocalStorage
36 ./local/share/PacketTracer7
8 ./local/share/applications
4 ./local/share/ristretto
12 ./local/share/Keyrings
4 ./local/share/xpanel-switch
4 ./local/share/lnx1
532 ./local/share/NetacadExamPlayer/QtWebEngine/Default/GPUCache
684 ./local/share/NetacadExamPlayer/QtWebEngine/Default
688 ./local/share/NetacadExamPlayer/QtWebEngine
692 ./local/share/NetacadExamPlayer
772 ./local/share
776 ./local
588 ./thumbnails/normal
592 ./thumbnails
4 ./Gambar
4 ./Publik
4 ./gnupg/private-keys-v1.d
8 ./gnupg
588 ./cache/thumbnails/large
592 ./cache/thumbnails
2236 16 Okt, 22:36
2236 16/10/2019 Right Ctrl
```

KayonUMS [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Berkas Sunting Tampilan Terminal Tab Bantuan

```
Terminal - ridho@ridho-VirtualBox: ~
8 ./gnupg
588 ./cache/thumbnails/large
592 ./cache/thumbnails
12 ./cache/update-manager-core
4 ./cache/PacketTracer7
4 ./cache/obexd
948 ./cache/gstreamer-1.0
8 ./cache/sessions/thumbs-ridho-VirtualBox:0
24 ./cache/sessions
1596 ./cache
72 ./pkisnssdb
76 ./pki
12 ./config/Mousepad
8 ./config/libreoffice/4/user
12 ./config/libreoffice/4
16 ./config/libreoffice
4 ./config/kicad
84 ./config/pulse
16 ./config/Thunar
29 ./config/neofetch
8 ./config/dconf
8 ./config/gtk-2.0
8 ./config/gtk-3.0
8 ./config/ristretto
8 ./config/update-notifier
8 ./config/xubuntu
4 ./config/xfce4/xfwm4
8 ./config/xfce4/panel/launcher-15
8 ./config/xfce4/panel/launcher-14
8 ./config/xfce4/panel/launcher-12
8 ./config/xfce4/panel/launcher-13
40 ./config/xfce4/panel
8 ./config/xfce4/desktop
12 ./config/xfce4/terminal
76 ./config/xfce4/xfconf/xfce-perchannel-xml
80 ./config/xfce4/xfconf
152 ./config/xfce4
372 ./config
4 ./Musik
2238 16 Okt, 22:38
2238 16/10/2019 Right Ctrl
```

KayonUMS [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Berkas Sunting Tampilan Terminal Tab Bantuan

```
Terminal - ridho@ridho-Virt...
2238 16/10/2019 Right Ctrl
```

KayonUMS [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Berkas Sunting Tampilan Terminal Tab Bantuan

Terminal - ridho@ridho-VirtualBox: ~

```
152 ./ .config/xfce4
372 ./ .config
4 /Musik
4 ./Desktop
3668 .
ridho@ridho-VirtualBox:~$ free
total used free shared buff/cache available
Mem: 1161476 337340 189068 2524 635068 678328
Swap: 483800 0 483800
ridho@ridho-VirtualBox:~$ ps tree
systemd--ModemManager--2*[ModemManager]
NetworkManager--dhcClient
NetworkManager--2*[{NetworkManager}]
-Thunar
accounts-daemon--2*[{accounts-daemon}]
acpid
avahi-daemon--avahi-daemon
cron
cups-browsed--2*[{cups-browsed}]
cupsd--dbus
dbus-daemon
gnome-keyring-d--3*[{gnome-keyring-d}]
2*[{kerneloops}]
lightdm--Xorg--(Xorg)
    lightdm--sh--ssh-agent
        lightdm--xfce4-session--applet.py--(applet.py)
            blueman-applet--3*[{blueman-applet}]
            light-locker--3*[{light-locker}]
            nm-applet--3*[{nm-applet}]
            polkit-gnome-au--2*[{polkit-gnome-au}]
            update-notifier--3*[{update-notifier}]
            2*[{xfce4-session}]
        2*[{lightdm}]
    2*[{Lightdm}]
lvmtd
networkd-dispat--(networkd-dispat)
polkitd--2*[{polkitd}]
pulseaudio--2*[{pulseaudio}]
rsysload--3*[{rsysload}]
```

```

Terminal - root@kayon-pc11:/home/kayon-pc11
File Edit View Terminal Tabs Help
root 2980 0.0 0.0 73424 4400 pts/0 S 16:36 0:00 sudo su
root 2981 0.0 0.0 72712 3936 pts/0 S 16:36 0:00 su
root 2982 0.0 0.0 30084 5040 pts/0 S 16:36 0:00 bash
kayon-p+ 4438 0.0 0.0 204836 4816 ? Ssl 16:37 0:00 /usr/lib/gvfs/gvfsd-metadata
kayon-p+ 8618 0.0 0.0 144816 6312 ? S 16:46 0:00 /usr/lib/libreoffice/program/oosplash --writer
kayon-p+ 8635 1.9 4.0 1326700 329756 ? S 16:46 0:29 /usr/lib/libreoffice/program/soffice.bin --writer --splash-pipe=5
root 8675 0.0 0.0 0 0 ? I 16:48 0:00 [kworker/2:0-cgr]
root 9796 0.0 0.0 0 0 ? I 17:00 0:00 [kworker/u8:1-ev]
root 10349 0.0 0.0 0 0 ? I 17:09 0:00 [kworker/u8:0]
root 10412 0.0 0.0 47236 3812 pts/0 R+ 17:11 0:00 ps -aux
root 16459 0.0 0.0 0 0 ? I 16:38 0:00 [kworker/1:0-cgr]
root 16461 0.0 0.0 108152 7940 ? Ss 16:38 0:00 /usr/sbin/cupsd -l
root 16462 0.0 0.0 103520 11084 ? Ssl 16:38 0:00 /usr/sbin/cups-browsed
root 16465 0.0 0.0 0 0 ? I 16:38 0:00 [kworker/0:0-cgr]
root@kayon-pc11:/home/kayon-pc11# lspci
00:00.0 Host bridge: Intel Corporation 4th Gen Core Processor DRAM Controller (rev 06)
00:01.0 PCI bridge: Intel Corporation Xeon E3-1200 v3/4th Gen Core Processor PCI Express x16 Controller (rev 06)
00:14.0 USB controller: Intel Corporation 8 Series/C220 Series Chipset Family USB xHCI (rev 05)
00:14.0 Communication controller: Intel Corporation 8 Series/C220 Series Chipset Family MEI Controller #1 (rev 04)
00:14.0 USB controller: Intel Corporation 8 Series/C220 Series Chipset Family USB EHCI #2 (rev 05)
00:1b.0 Audio device: Intel Corporation 8 Series/C220 Series Chipset High Definition Audio Controller (rev 05)
00:1c.0 PCI bridge: Intel Corporation 8 Series/C220 Series Chipset Family PCI Express Root Port #1 (rev d5)
00:1c.2 PCI bridge: Intel Corporation 8 Series/C220 Series Chipset Family PCI Express Root Port #3 (rev d5)
00:1c.5 PCI bridge: Intel Corporation E2801 PCI Bridge (rev d5)
00:1d.0 USB controller: Intel Corporation 8 Series/C220 Series Chipset Family USB EHCI #1 (rev 05)
00:1f.0 ISA bridge: Intel Corporation H81 Express LPC Controller (rev 05)
00:1f.2 SATA controller: Intel Corporation 8 Series/C220 Series Chipset Family 6-port SATA Controller 1 [AHCI mode] (rev 05)
00:1f.3 SMBus: Intel Corporation 8 Series/C220 Series Chipset Family SMBus Controller (rev 05)
01:00.0 VGA compatible controller: NVIDIA Corporation GM107 [GeForce GTX 750 Ti] (rev a2)
01:00.1 Audio device: NVIDIA Corporation Device 0fb0 (rev a1)
03:00.0 Ethernet controller: Realtek Semiconductor Co., Ltd. RTL8111/8168/8411 PCI Express Gigabit Ethernet Controller (rev 11)
04:00.0 PCI bridge: ASMedia Technology Inc. ASH1083/1085 PCIe to PCI Bridge (rev 04)
root@kayon-pc11:/home/kayon-pc11# free
              used      free      shared  buff/cache   available
Mem:       8103664      566508      5166160     16624    2370996    7216804
Swap:        947028          0      947028
root@kayon-pc11:/home/kayon-pc11# cat/proc/cpuinfo
cat/proc/cpuinfo: No such file or directory
root@kayon-pc11:/home/kayon-pc11# finger root
Login: root          Name: root
Directory: /root      Shell: /bin/bash
Never logged in.
No mail.
No Plan.
root@kayon-pc11:/home/kayon-pc11# 
```

Untitled 1.odt - LibreOffice W... AA35-7A02 - File Manager Terminal - root@kayon-pc11: ... 09 Okt, 17:29

KayonUMS [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Terminal - ridho@ridho-VirtualBox: ~

```

Berkas Sunting Tampilan Terminal Tab Bantuan
[gvfs-goa-volume--2*{gvfs-goa-volume}]
[gvfs-ghphot02-vo--2*{gvfs-ghphot02-vo}]
[gvfs-ftp-volume--2*{gvfs-ftp-volume}]
[gvfs-udisks2-vo--2*{gvfs-udisks2-vo}]
[gvfsd_2*{gvfsd-trash}--2*{gvfsd-trash}]
[gvfsd-fuse--5*{gvfsd-fuse}]
[gvfsd-metadata--2*{gvfsd-metadata}]
[indicator-messa--3*{indicator-messa}]
[obexd]
[tumblerd--4*{tumblerd}]
[xfce4-notifyd--2*{xfc4-notifyd}]
[xfcconfd]
[systemd-journal]
[systemd-logind]
[systemd-resolve]
[systemd-timesyn--{systemd-timesyn}]
[systemd-udevd]
[udisksd--4*{udisksd}]
[unattended-upgr--{unattended-upgr}]
[upowerd--2*{upowerd}]
[whoopsie--2*{whoopsie}]
[wpa_supplicant]
xfc4-panel--panel-1-whisker--2*{panel-1-whisker}
[panel-4-systray--2*{panel-4-systray}]
[panel-5-notify--2*{panel-5-notify}]
[panel-6-indicat--2*{panel-6-indicat}]
[panel-7-statusus--2*{panel-7-statusus}]
[panel-8-power-m--2*{panel-8-power-m}]
[panel-9-pulseau--2*{panel-9-pulseau}]
[xfc4-panel--2*{xfc4-panel}]
xfc4-power-man--2*{xfc4-power-man}
xfc4-terminal--bash--pstree
[xfc4-terminal--2*{xfc4-terminal}]
xfdesktop--2*{xfdesktop}
xfsettingsd--2*{xfsettingsd}
xfwm4
ridho@ridho-VirtualBox: ~ ]
```

Terminal - ridho@ridho-Virt... 16 Okt, 22:39

File Machine View Input Devices Help

Windows Start File Explorer File Manager Terminal - ridho@ridho-Virt... 22:39 16/10/2019