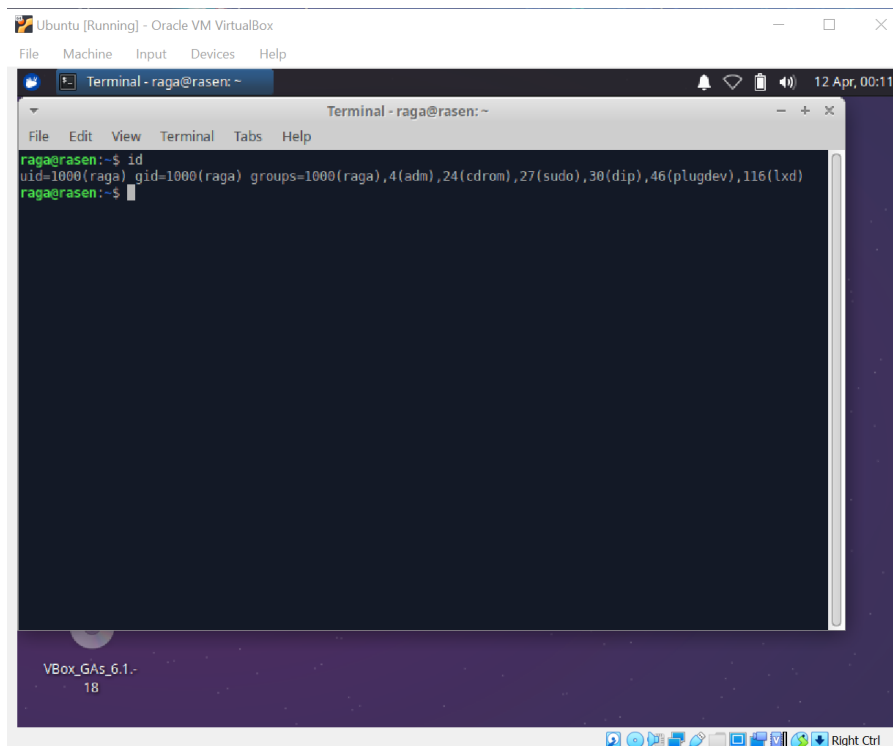


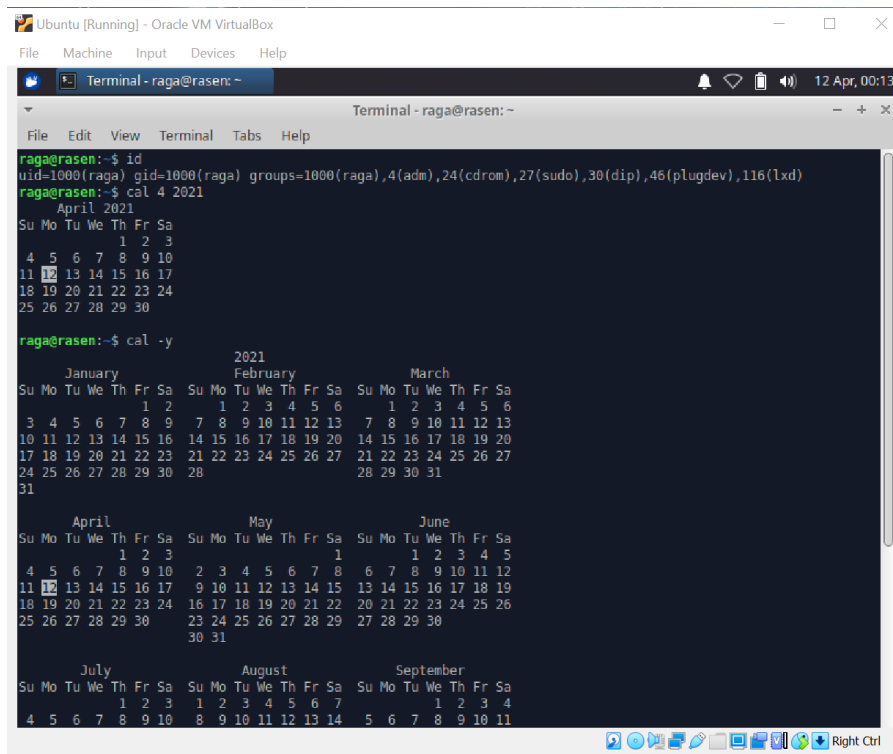
## Percobaan 1: melihat identitas diri (nomor id dan group id)



The screenshot shows a terminal window titled "Terminal - raga@rasen: ~" within an "Ubuntu [Running] - Oracle VM VirtualBox" environment. The terminal displays the output of the command `id`, which shows the user's identity and group memberships. The output is as follows:

```
raga@rasen:~$ id
uid=1000(raga) gid=1000(raga) groups=1000(raga),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),116(lxd)
raga@rasen:~$
```

## Percobaan 2: melihat tanggal dan kalender dari sistem



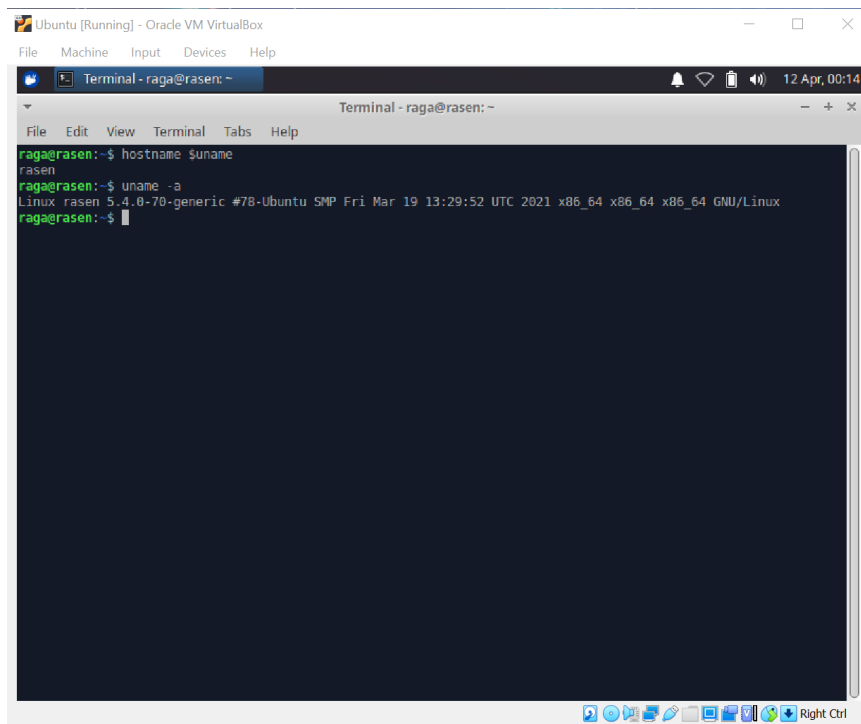
The screenshot shows a terminal window titled "Terminal - raga@rasen: ~" within an "Ubuntu [Running] - Oracle VM VirtualBox" environment. The terminal displays the output of the command `cal`, which shows the current date and a calendar for the month of April 2021. The output is as follows:

```
raga@rasen:~$ id
uid=1000(raga) gid=1000(raga) groups=1000(raga),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),116(lxd)
raga@rasen:~$ cal 4 2021
April 2021
Su Mo Tu We Th Fr 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
raga@rasen:~$ cal -y
2021
January February March
Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
    1  2  3    1  2  3  4  5  6    1  2  3  4  5  6
 3  4  5  6  7  8  9    7  8  9 10 11 12 13    7  8  9 10 11 12 13
10 11 12 13 14 15 16    14 15 16 17 18 19 20    14 15 16 17 18 19 20
17 18 19 20 21 22 23    21 22 23 24 25 26 27    21 22 23 24 25 26 27
24 25 26 27 28 29 30    28    28 29 30 31
31

April May June
Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
    1  2  3    1  2  3  4  5  6    1  2  3  4  5
 4  5  6  7  8  9 10    2  3  4  5  6  7  8    6  7  8  9 10 11 12
11 12 13 14 15 16 17    9 10 11 12 13 14 15    13 14 15 16 17 18 19
18 19 20 21 22 23 24    16 17 18 19 20 21 22    20 21 22 23 24 25 26
25 26 27 28 29 30    23 24 25 26 27 28 29    27 28 29 30
    30 31    30 31

July August September
Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
    1  2  3    1  2  3  4  5  6  7    1  2  3  4
 4  5  6  7  8  9 10    8  9 10 11 12 13 14    5  6  7  8  9 10 11
```

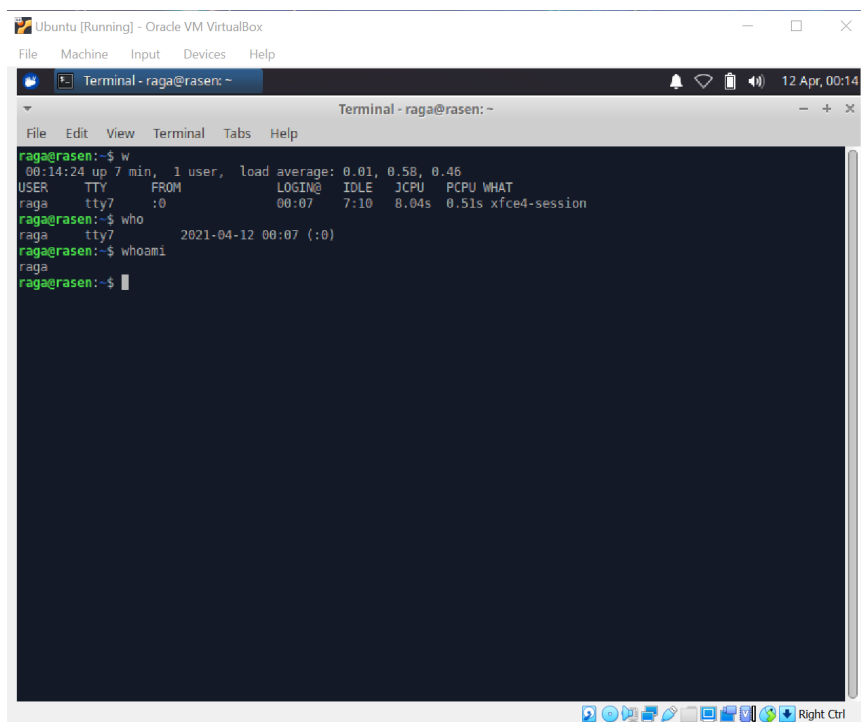
### Percobaan 3: melihat identitas mesin



The screenshot shows a terminal window titled "Terminal - raga@rasen: ~" within an "Ubuntu [Running] - Oracle VM VirtualBox" environment. The terminal displays the following commands and their outputs:

```
raga@rasen:~$ hostname $uname
rasen
raga@rasen:~$ uname -a
Linux rasen 5.4.0-70-generic #78-Ubuntu SMP Fri Mar 19 13:29:52 UTC 2021 x86_64 x86_64 x86_64 GNU/Linux
raga@rasen:~$
```

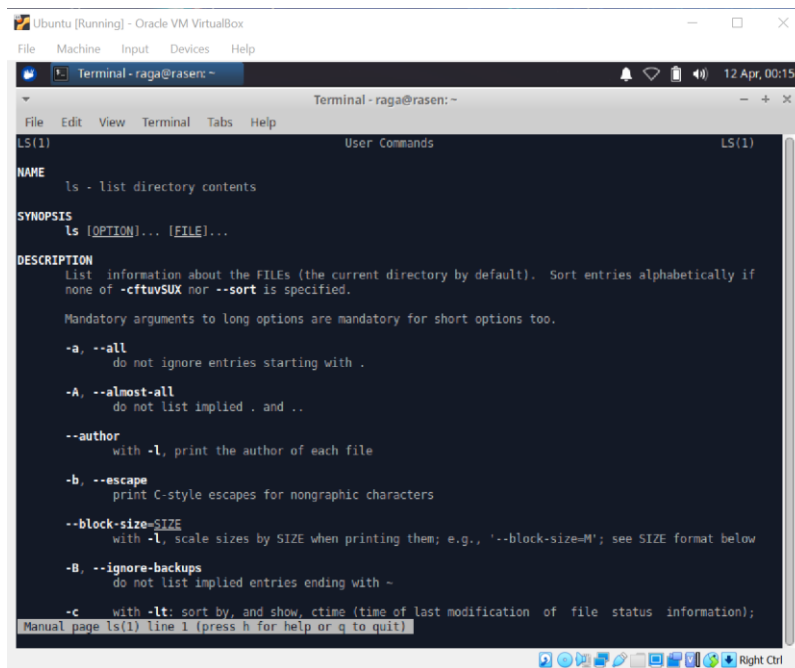
### Percobaan 4: melohat siapa yang sedang aktif



The screenshot shows a terminal window titled "Terminal - raga@rasen: ~" within an "Ubuntu [Running] - Oracle VM VirtualBox" environment. The terminal displays the following commands and their outputs:

```
raga@rasen:~$ w
00:14:24 up 7 min, 1 user, load average: 0.01, 0.58, 0.46
USER      TTY      FROM          LOGIN@   IDLE   JCPU   PCPU WHAT
raga     tty7      :0            00:07    7:10   8.04s  0.51s xfce4-session
raga@rasen:~$ who
raga     tty7      2021-04-12 00:07 (:0)
raga@rasen:~$ whoami
raga
raga@rasen:~$
```

## Percobaan 5: menggunakan manual



Ubuntu [Running] - Oracle VM VirtualBox

Terminal - raga@rasen: ~

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

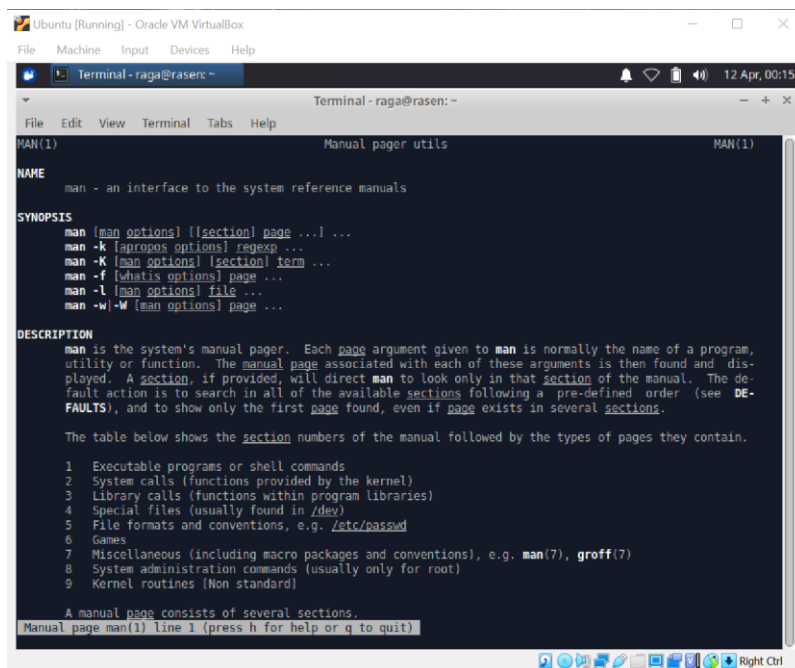
**-b, --escape**  
print C-style escapes for nongraphic characters

**--block-size=SIZE**  
with **-l**, scale sizes by SIZE when printing them; e.g., **--block-size=M**; 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);

Manual page ls(1) line 1 (press h for help or q to quit)



Ubuntu [Running] - Oracle VM VirtualBox

Terminal - raga@rasen: ~

File Edit View Terminal Tabs Help

MAN(1) Manual pager utils MAN(1)

**NAME**

man - an interface to the system reference manuals

**SYNOPSIS**

man [man options] [[section] page ...] ...

man -k [apropos options] regexp ...

man -K [man options] [section] term ...

man -f [whatis options] page ...

man -l [man options] file ...

man -w|-W [man options] page ...

**DESCRIPTION**

man is the system's manual pager. Each **page** argument given to **man** is normally the name of a program, utility or function. The manual page associated with each of these arguments is then found and displayed. A **section**, if provided, will direct **man** to look only in that **section** of the manual. The default action is to search in all of the available **sections** following a pre-defined order (see **DEFAULTS**), and to show only the first **page** found, even if **page** exists in several **sections**.

The table below shows the **section** numbers of the manual followed by the types of pages they contain.

1	Executable programs or shell commands
2	System calls (functions provided by the kernel)
3	Library calls (functions within program libraries)
4	Special files (usually found in <b>/dev</b> )
5	File formats and conventions, e.g. <b>/etc/passwd</b>
6	Games
7	Miscellaneous (including macro packages and conventions), e.g. <b>man(7)</b> , <b>groff(7)</b>
8	System administration commands (usually only for root)
9	Kernel routines (Non standard)

A manual page consists of several sections.

Manual page man(1) line 1 (press h for help or q to quit)

```
Ubuntu [Running] - Oracle VM VirtualBox
File Machine Input Devices Help

Terminal - raga@rasen: ~
File Edit View Terminal Tabs Help

xfs_scrub (8) - check and repair the contents of a mounted XFS filesystem
xfs_scrub_all (8) - scrub all mounted XFS filesystems
xfs_spaceman (8) - show free space information about an XFS filesystem
xkeyboard-config (7) - XKB data description files
xorg.conf (5) - configuration files for Xorg X server
xorg.conf.d (5) - configuration files for Xorg X server
xz (1) - Compress or decompress .xz and .lzma files
xzcat (1) - Compress or decompress .xz and .lzma files
xzcmp (1) - compare compressed files
xzdiff (1) - compare compressed files
xzegrep (1) - search compressed files for a regular expression
xzfgrep (1) - search compressed files for a regular expression
xzgrep (1) - search compressed files for a regular expression
xzless (1) - view xz or lzma compressed (text) files
xzmore (1) - view xz or lzma compressed (text) files
YAML:Tiny (3pm) - Read/Write YAML files with as little code as possible
zcat (1) - compress or expand files
zcmp (1) - compare compressed files
zdiff (1) - compare compressed files
zegrep (1) - search possibly compressed files for a regular expression
zerofree (8) - zero free blocks from ext2, ext3 and ext4 file-systems
zfgrep (1) - search possibly compressed files for a regular expression
zforce (1) - force a '.gz' extension on all gzip files
zgrep (1) - search possibly compressed files for a regular expression
zip (1) - package and compress (archive) files
zipcloak (1) - encrypt entries in a zipfile
zipdetails (1) - display the internal structure of zip files
zipgrep (1) - search files in a ZIP archive for lines matching a pattern
zipnote (1) - write the comments in zipfile to stdout, edit comments and rename files in zipfile
zipsplit (1) - split a zipfile into smaller zipfiles
zless (1) - file perusal filter for crt viewing of compressed text
zmore (1) - file perusal filter for crt viewing of compressed text
znew (1) - recompress .Z files to .gz files
raga@rasen:~$
```

```
Ubuntu [Running] - Oracle VM VirtualBox
File Machine Input Devices Help

Terminal - raga@rasen: ~
File Edit View Terminal Tabs Help

PASSWD(5) File Formats and Conversions PASSWD(5)

NAME
passwd - the password file

DESCRIPTION
/etc/passwd contains one line for each user account, with seven fields delimited by colons (":").
These fields are:

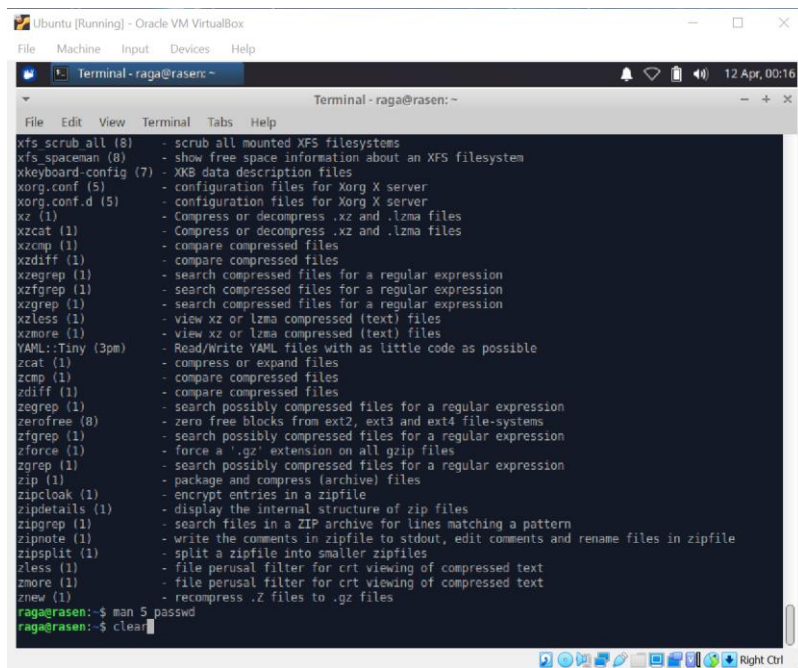
* login name
* optional encrypted password
* numerical user ID
* numerical group ID
* user name or comment field
* user home directory
* optional user command interpreter

If the password field is a lower-case "x", then the encrypted password is actually stored in the
shadow(5) file instead; there must be a corresponding line in the /etc/shadow file, or else the user
account is invalid.

The encrypted password field may be empty, in which case no password is required to authenticate as
the specified login name. However, some applications which read the /etc/passwd file may decide not
to permit any access at all if the password field is blank.

A password field which starts with an exclamation mark means that the password is locked. The
remaining characters on the line represent the password field before the password was locked.
Manual page passwd(5) line 1 (press h for help or q to quit)
```

## Percobaan 6: menghapus layar



Ubuntu [Running] - Oracle VM VirtualBox

File Machine Input Devices Help

Terminal - raga@rasen: ~

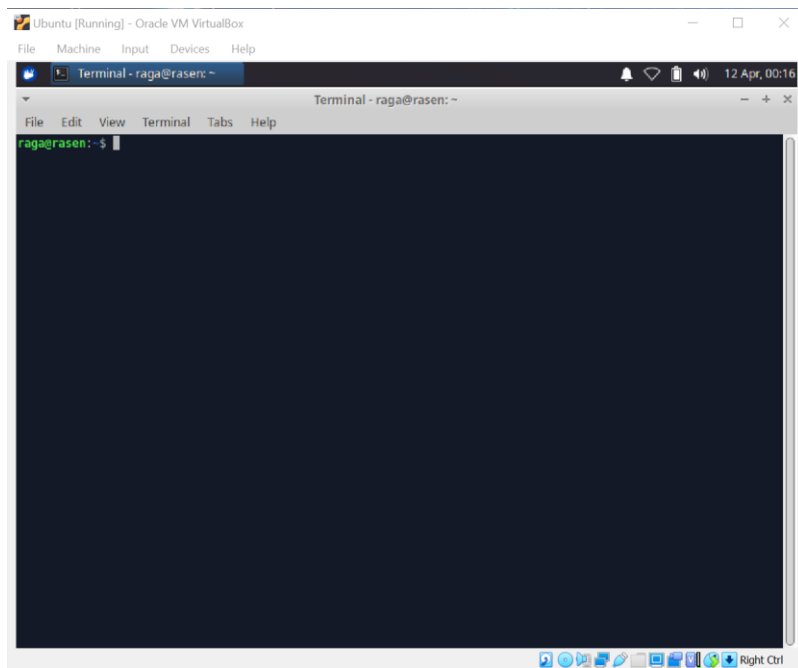
Terminal - raga@rasen: ~

File Edit View Terminal Tabs Help

- xfs\_scrub.all (8) - scrub all mounted XFS filesystems
- xfs\_spaceman (8) - show free space information about an XFS filesystem
- xkeyboard-config (7) - XKB data description files
- xorg.conf (5) - configuration files for Xorg X server
- xorg.conf.d (5) - configuration files for Xorg X server
- xz (1) - Compress or decompress .xz and .lzma files
- xzcat (1) - Compress or decompress .xz and .lzma files
- xzcmp (1) - compare compressed files
- xzdiff (1) - compare compressed files
- xzegrep (1) - search compressed files for a regular expression
- xzfgrep (1) - search compressed files for a regular expression
- xzgrep (1) - search compressed files for a regular expression
- xzless (1) - view xz or lzma compressed (text) files
- xzmore (1) - view xz or lzma compressed (text) files
- YAML::Tiny (3pm) - Read/Write YAML files with as little code as possible
- zcat (1) - compress or expand files
- zcmp (1) - compare compressed files
- zdiff (1) - compare compressed files
- zegrep (1) - search possibly compressed files for a regular expression
- zerofree (8) - zero free blocks from ext2, ext3 and ext4 file-systems
- zfgrep (1) - search possibly compressed files for a regular expression
- zforce (1) - force a '.gz' extension on all gzip files
- zgrep (1) - search possibly compressed files for a regular expression
- zip (1) - package and compress (archive) files
- zipcloak (1) - Encrypt entries in a zipfile
- zipdetails (1) - display the internal structure of zip files
- zipgrep (1) - search files in a ZIP archive for lines matching a pattern
- zipnote (1) - write the comments in zipfile to stdout, edit comments and rename files in zipfile
- zipsplit (1) - split a zipfile into smaller zipfiles
- zless (1) - file perusal filter for crt viewing of compressed text
- zmore (1) - file perusal filter for crt viewing of compressed text
- znew (1) - recompress .Z files to .gz files

raga@rasen:~\$ man 5 passwd

raga@rasen:~\$ clear



Ubuntu [Running] - Oracle VM VirtualBox

File Machine Input Devices Help

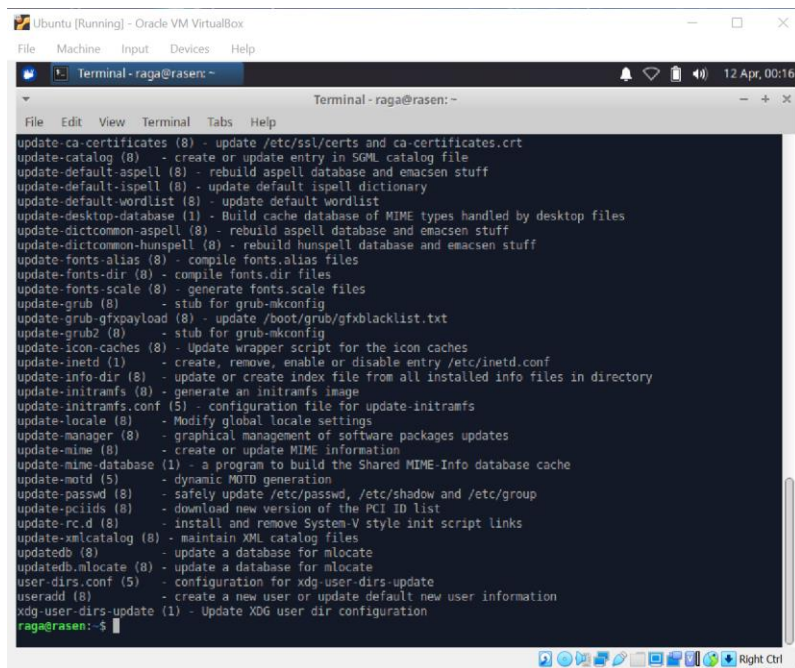
Terminal - raga@rasen: ~

Terminal - raga@rasen: ~

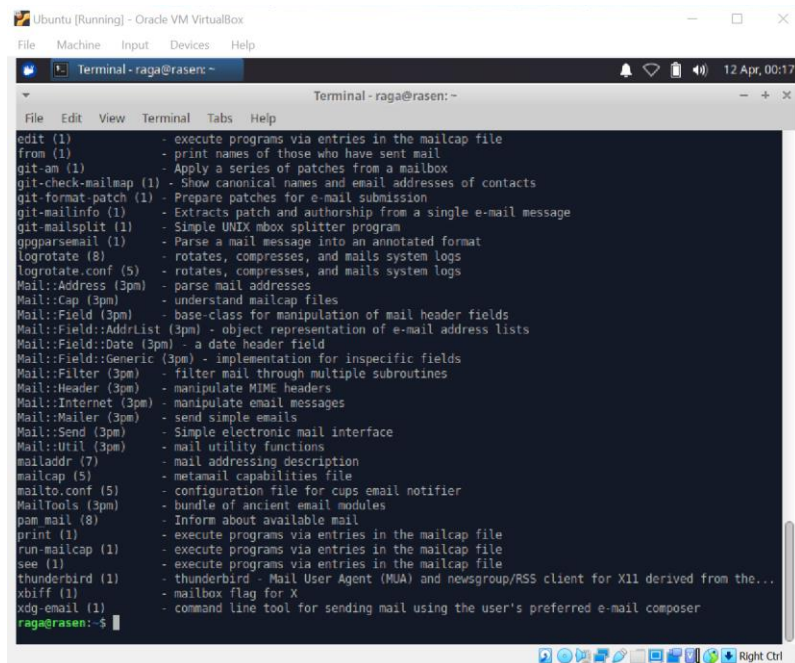
File Edit View Terminal Tabs Help

raga@rasen:~\$

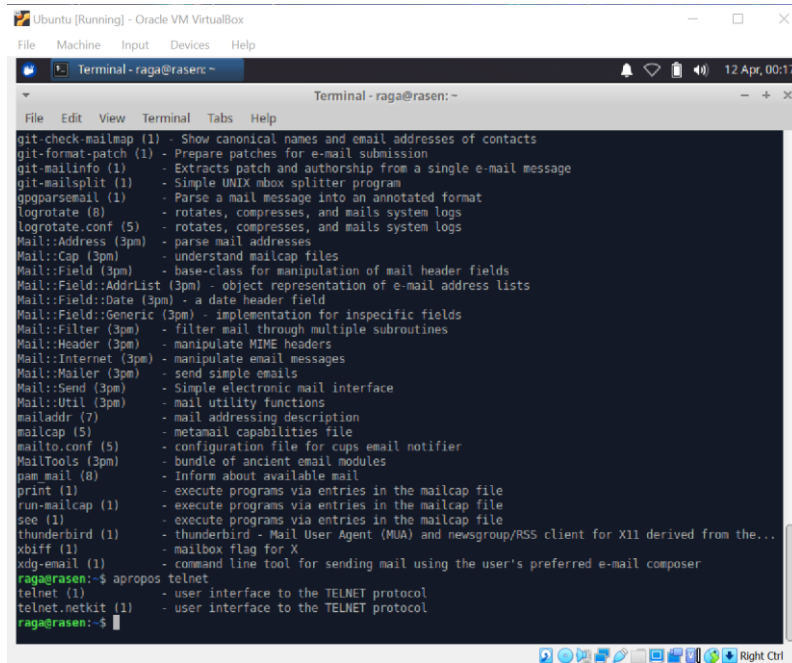
## Percobaan 7: Mencari perintah yang deskripsinya mengandung kata kunci yang dicari



```
Terminal - raga@rasen: ~
File Edit View Terminal Tabs Help
update-ca-certificates (8) - update /etc/ssl/certs and ca-certificates.crt
update-catalog (8) - create or update entry in SGM catalog file
update-default-aspell (8) - rebuild aspell database and emacs stuff
update-default-ispell (8) - update default ispell dictionary
update-default-wordlist (8) - update default wordlist
update-desktop-database (1) - Build cache database of MIME types handled by desktop files
update-dictcommon-aspell (8) - rebuild aspell database and emacs stuff
update-dictcommon-hunspell (8) - rebuild hunspell database and emacs stuff
update-fonts-alias (8) - compile fonts.alias files
update-fonts-dir (8) - compile fonts.dir files
update-fonts-scale (8) - generate fonts.scale files
update-grub (8) - stub for grub-mkconfig
update-grub-gfxpayload (8) - update /boot/grub/gfxblacklist.txt
update-grub2 (8) - stub for grub-mkconfig
update-icon-caches (8) - Update wrapper script for the icon caches
update-inetd (1) - create, remove, enable or disable entry /etc/inetd.conf
update-info-dir (8) - update or create index file from all installed info files in directory
update-initramfs (8) - generate an initramfs image
update-initramfs.conf (5) - configuration file for update-initramfs
update-locale (8) - Modify global locale settings
update-manager (8) - graphical management of software packages updates
update-mime (8) - create or update MIME information
update-mime-database (1) - a program to build the Shared MIME-Info database cache
update-motd (5) - dynamic MOTD generation
update-passwd (8) - safely update /etc/passwd, /etc/shadow and /etc/group
update-pciids (8) - download new version of the PCI ID list
update-rc.d (8) - install and remove System-V style init script links
update-xmlcatalog (8) - maintain XML catalog files
updatedb (8) - update a database for mlocate
updatedb.mlocate (8) - update a database for mlocate
user-dirs.conf (5) - configuration for xdg-user-dirs-update
useradd (8) - create a new user or update default new user information
xdg-user-dirs-update (1) - Update XDG user dir configuration
raga@rasen:~$
```

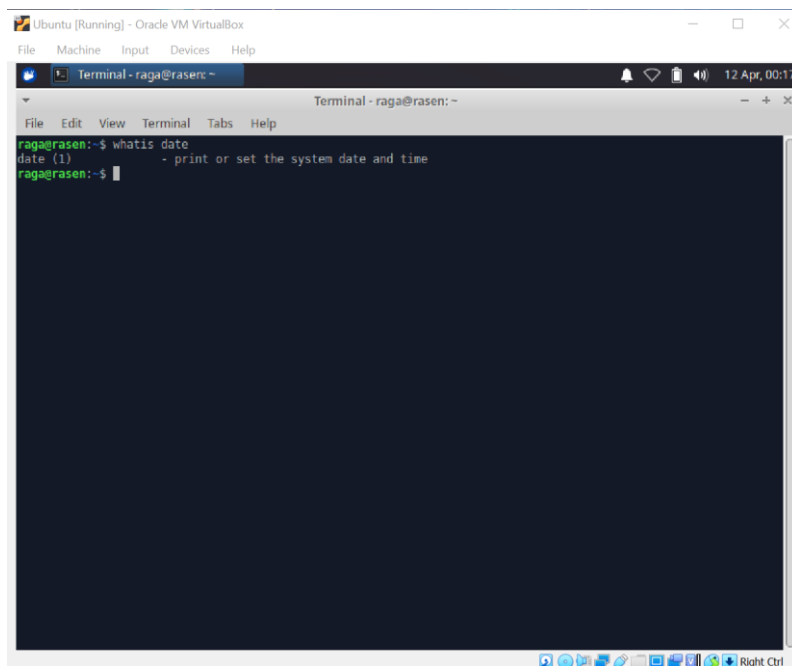


```
Terminal - raga@rasen: ~
File Edit View Terminal Tabs Help
edit (1) - execute programs via entries in the mailcap file
from (1) - print names of those who have sent mail
git-am (1) - Apply a series of patches from a mailbox
git-check-mailmap (1) - Show canonical names and email addresses of contacts
git-format-patch (1) - Prepare patches for e-mail submission
git-mailinfo (1) - Extracts patch and authorship from a single e-mail message
git-mailsplit (1) - Simple UNIX mbox splitter program
gpgparsemail (1) - Parse a mail message into an annotated format
logrotate (8) - rotates, compresses, and mails system logs
logrotate.conf (5) - rotates, compresses, and mails system logs
Mail::Address (3pm) - parse mail addresses
Mail::Cap (3pm) - understand mailcap files
Mail::Field (3pm) - base-class for manipulation of mail header fields
Mail::Field::AddrList (3pm) - object representation of e-mail address lists
Mail::Field::Date (3pm) - a date header field
Mail::Field::Generic (3pm) - implementation for inspecific fields
Mail::Filter (3pm) - filter mail through multiple subroutines
Mail::Header (3pm) - manipulate MIME headers
Mail::Internet (3pm) - manipulate email messages
Mail::Mailer (3pm) - send simple emails
Mail::Send (3pm) - Simple electronic mail interface
Mail::Util (3pm) - mail utility functions
mailaddr (7) - mail addressing description
mailcap (5) - metamail capabilities file
mailto.conf (5) - configuration file for cups email notifier
MailTools (3pm) - bundle of ancient email modules
pam_mail (8) - Inform about available mail
print (1) - execute programs via entries in the mailcap file
run-mailcap (1) - execute programs via entries in the mailcap file
see (1) - execute programs via entries in the mailcap file
thunderbird (1) - thunderbird - Mail User Agent (MUA) and newsgroup/RSS client for X11 derived from the...
xbiff (1) - mailbox flag for X
xdg-email (1) - command line tool for sending mail using the user's preferred e-mail composer
raga@rasen:~$
```



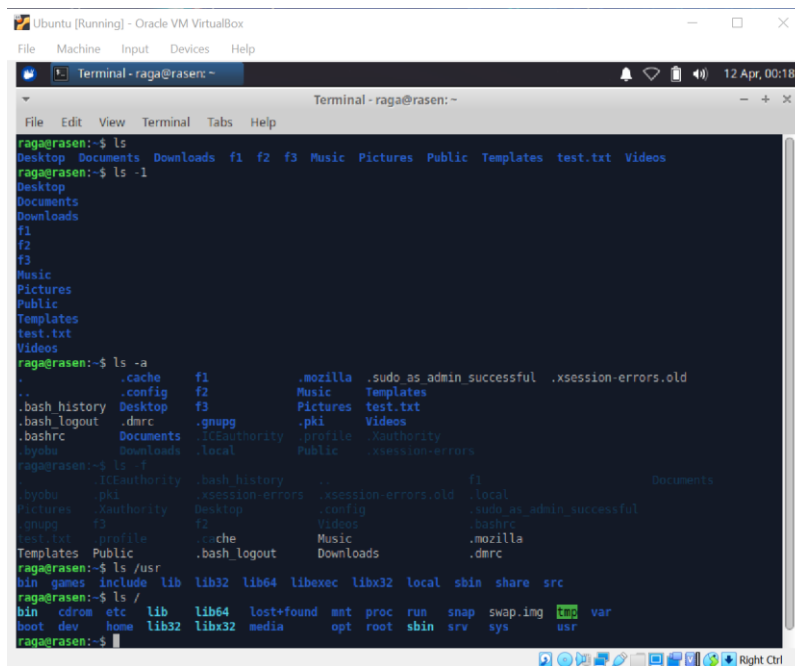
```
git-check-mailmap (1) - Show canonical names and email addresses of contacts
git-format-patch (1) - Prepare patches for e-mail submission
git-mailinfo (1) - Extracts patch and authorship from a single e-mail message
git-mailsplit (1) - Simple UNIX mbox splitter program
gpgparsemail (1) - Parse a mail message into an annotated format
logrotate (8) - rotates, compresses, and mails system logs
logrotate.conf (5) - rotates, compresses, and mails system logs
Mail::Address (3pm) - parse mail addresses
Mail::Cap (3pm) - understand mailcap files
Mail::Field (3pm) - base-class for manipulation of mail header fields
Mail::Field::AddrList (3pm) - object representation of e-mail address lists
Mail::Field::Date (3pm) - a date header field
Mail::Field::Generic (3pm) - implementation for inspecific fields
Mail::Filter (3pm) - filter mail through multiple subroutines
Mail::Header (3pm) - manipulate MIME headers
Mail::Internet (3pm) - manipulate email messages
Mail::Mailer (3pm) - send simple emails
Mail::Send (3pm) - Simple electronic mail interface
Mail::Util (3pm) - mail utility functions
mailaddr (7) - mail addressing description
mailcap (5) - metamail capabilities file
mailto.conf (5) - configuration file for cups email notifier
MailTools (3pm) - bundle of ancient email modules
pam_mail (8) - Inform about available mail
print (1) - execute programs via entries in the mailcap file
run-mailcap (1) - execute programs via entries in the mailcap file
see (1) - execute programs via entries in the mailcap file
thunderbird (1) - thunderbird - Mail User Agent (MUA) and newsgroup/RSS client for X11 derived from the...
xbiiff (1) - mailbox flag for X
xdg-email (1) - command line tool for sending mail using the user's preferred e-mail composer
raga@rasen:~$ apropos telnet
telnet (1) - user interface to the TELNET protocol
telnet.netkit (1) - user interface to the TELNET protocol
raga@rasen:~$
```

## Percobaan 8: Mencari perintah yang tepat sama dengan kunci yang dicari



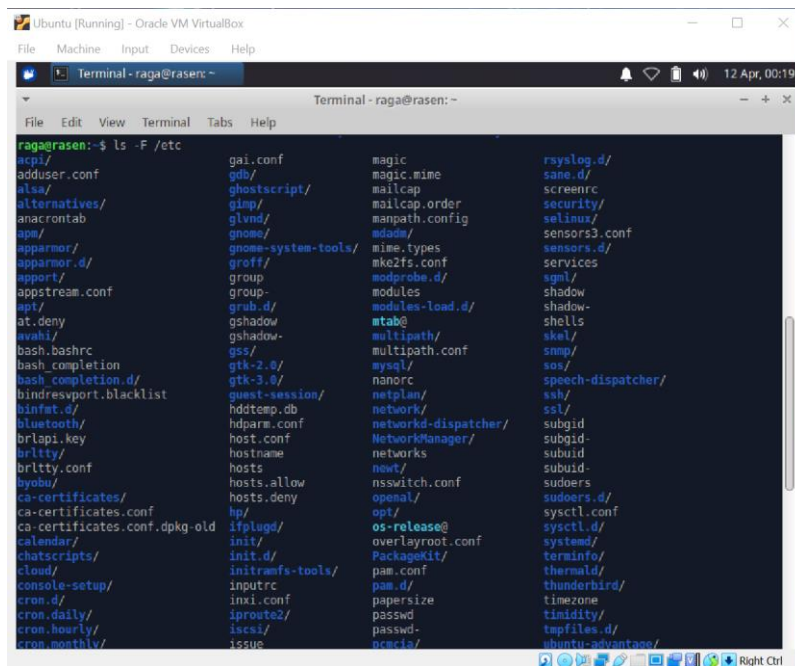
```
raga@rasen:~$ what is date
date (1) - print or set the system date and time
raga@rasen:~$
```

## Percobaan 9: Manipulasi berkas (file) dan direktori



The screenshot shows a terminal window titled "Terminal - raga@rasen: ~" with a menu bar (File, Edit, View, Terminal, Tabs, Help). The user is at the prompt "raga@rasen:~\$". The following commands and their outputs are shown:

```
raga@rasen:~$ ls
Desktop Documents Downloads f1 f2 f3 Music Pictures Public Templates test.txt Videos
raga@rasen:~$ ls -l
Desktop
Documents
Downloads
f1
f2
f3
Music
Pictures
Public
Templates
test.txt
Videos
raga@rasen:~$ ls -la
. .cache f1 .mozilla .sudo_as_admin_successful .xsession-errors.old
.. .config f2 Music Templates
.bash_history Desktop f3 Pictures test.txt
.bash_logout .dmrc .gnupg .pki Videos
.bashrc Documents .ICEauthority .profile .Xauthority
.byobu Downloads .local Public .xsession-errors
raga@rasen:~$ ls -lR
. .cache f1 .mozilla .sudo_as_admin_successful .xsession-errors.old
.. .config f2 Music Templates
.bash_history Desktop f3 Pictures test.txt
.bash_logout .dmrc .gnupg .pki Videos
.bashrc Documents .ICEauthority .profile .Xauthority
.byobu Downloads .local Public .xsession-errors
raga@rasen:~$ ls -l /usr
bin games include lib lib32 lib64 libexec libx32 local/sbin share src
raga@rasen:~$ ls /
bin cdrom etc lib lib64 lost+found mnt proc run snap swap.img tmp var
boot dev home lib32 libx32 media opt root sbin srv sys usr
raga@rasen:~$
```



The screenshot shows a terminal window titled "Terminal - raga@rasen: ~" with a menu bar (File, Edit, View, Terminal, Tabs, Help). The user is at the prompt "raga@rasen:~\$". The command "ls -F /etc" is executed, displaying a long list of files and directories in the /etc directory, including configuration files, scripts, and system files.

```
raga@rasen:~$ ls -F /etc
acpi/      gai.conf      magic          rsyslog.d/
adduser.conf  gdb/          magic.mime     sane.d/
alsa/      ghostscript/  mailcap        screenrc
alternatives/ gimp/         mailcap.order  security/
anacrontab  glvnd/        manpath.config selinux/
apm/        gnome/        mdadm/         sensors3.conf
apparmor/   gnome-system-tools/ mime.types     sensors.d/
apparmor.d/ groff/         mke2fs.conf   services
appport/    group         modprobe.d/   sgml/
appstream.conf group         modules        shadow
apt/        grub.d/       modules-load.d/ shadow
at.deny     gshadow       mtabs          shells
avahi/      gshadow-      multipath/     skel/
bash.bashrc gss/          multipath.conf snmp/
bash_completion gtk-2.0/      mysql/         sos/
bash_completion.d/ gtk-3.0/      nanorc         speech-dispatcher/
bindresport.blacklist guest-session/ netplan/       ssh/
binfmt.d/    hddtemp.db    network/       ssl/
bluetooth/  hdparm.conf  networkd-dispatcher/ subgid
brlapi.key  host.conf     NetworkManager/ subuid
brltty/     hostname     networks       subuid
brltty.conf hosts         nsswitch.conf  sudoers
byobu/      hosts.allow   openal/        sudoers.d/
ca-certificates/ hp/           os-release@    sysctl.conf
ca-certificates.conf ifplugd/      overlayroot.conf sysctl.d/
calendar/   init/         PackageKit/    systemd/
chatscripts/ init.d/        pam.conf       terminfo/
cloud/      inputrc       papersize      thermald/
console-setup/ inxi.conf     passwd         thunderbird/
cron.d/     iproute2/    passwd-        timezone
cron.daily/ iscsi/       ncrc/          timidity/
cron.hourly/ issue        ncrc/          tmpfiles.d/
cron.monthly/
```



```
Ubuntu [Running] - Oracle VM VirtualBox
File Machine Input Devices Help

Terminal - raga@rasen: ~
File Edit View Terminal Tabs Help

raga@rasen:~$ ls -l /etc
total 1164
drwxr-xr-x 3 root root      4096 Apr  8 01:11 acpi
-rw-r--r-- 1 root root     3028 Feb  1 17:21 adduser.conf
drwxr-xr-x 3 root root      4096 Apr  8 01:05 alsa
drwxr-xr-x 2 root root      4096 Apr  8 01:57 alternatives
-rw-r--r-- 1 root root      401 Jul 16 2019 anacrontab
drwxr-xr-x 5 root root      4096 Apr  8 01:05 apt
drwxr-xr-x 3 root root      4096 Feb  1 17:26 apparmor
drwxr-xr-x 7 root root      4096 Apr  8 01:15 apparmor.d
drwxr-xr-x 4 root root      4096 Apr  8 01:06 appport
-rw-r--r-- 1 root root      769 Jan 18 2020 appstream.conf
drwxr-xr-x 7 root root      4096 Apr  8 01:57 apt
-rw-r----- 1 root daemon  144 Nov 12 2018 at.deny
drwxr-xr-x 3 root root      4096 Apr  8 01:12 avahi
-rw-r--r-- 1 root root     2319 Feb 25 2020 bash.bashrc
-rw-r--r-- 1 root root       45 Jan 26 2020 bash_completion
drwxr-xr-x 2 root root      4096 Apr  7 12:24 bash_completion.d
-rw-r--r-- 1 root root       367 Apr 14 2020 bindresvport.blacklist
drwxr-xr-x 2 root root      4096 Apr 22 2020 binfmt.d
drwxr-xr-x 2 root root      4096 Apr  8 01:10 bluetooth
-rw-r----- 1 root root       33 Apr  8 01:12 brlapi.key
drwxr-xr-x 7 root root      4096 Apr  8 01:09 brltty
-rw-r--r-- 1 root root     26916 Mar  3 2020 brltty.conf
drwxr-xr-x 2 root root      4096 Feb  1 17:27 byobu
drwxr-xr-x 3 root root      4096 Feb  1 17:21 ca-certificates
-rw-r--r-- 1 root root     6569 Apr  7 12:21 ca-certificates.conf
-rw-r--r-- 1 root root     6585 Feb  1 17:24 ca-certificates.conf.dpkg-old
drwxr-xr-x 2 root root      4096 Feb  1 17:26 calendar
drwxr-s--- 2 root dip       4096 Apr  8 01:11 chatscripts
drwxr-xr-x 4 root root      4096 Apr  7 12:16 cloud
drwxr-xr-x 2 root root      4096 Apr  7 12:32 console-setup
drwxr-xr-x 2 root root      4096 Apr  8 01:10 cron.d
drwxr-xr-x 2 root root      4096 Apr  8 01:57 cron.daily
drwxr-xr-x 2 root root      4096 Feb  1 17:22 cron.hourly
```

```
Ubuntu [Running] - Oracle VM VirtualBox
File Machine Input Devices Help

Terminal - raga@rasen: ~
File Edit View Terminal Tabs Help

changelog.Debian.gz  copyright  README.md

/usr/share/doc/brltty:
Albatross.README      copyright      LogText.README      TSI.README.gz
Alwa.README.gz        EcoBraille.README  MOV.README          TTY.README
Baum.README.InkA      English        MiniBraille.README  VideoBraille.README
BrailleLite.README.gz EuroBraille.README.gz MultiBraille.README.gz VideoBraille.README.it
BrailleNote.README.gz examples       NEWS.Debian.gz       Virtual.README.gz
BrLAPI.README         FreedomScientific.README  Papenmeier.README.gz VisioBraille.README
changelog.Debian.gz   French         README.Bluetooth.gz  Voyager.README
CombiBraille.README.gz HandyTech.README.gz  README.Debian        XWindow.README.UBraille
CONTRIBUTORS        HISTORY        README.Debian

/usr/share/doc/brltty/English:
BRLTTY-10.html  BRLTTY-13.html  BRLTTY-1.html  BRLTTY-4.html  BRLTTY-7.html  BRLTTY.html
BRLTTY-11.html  BRLTTY-14.html  BRLTTY-2.html  BRLTTY-5.html  BRLTTY-8.html  BRLTTY.txt.gz
BRLTTY-12.html  BRLTTY-15.html  BRLTTY-3.html  BRLTTY-6.html  BRLTTY-9.html  Makefile

/usr/share/doc/brltty/examples:
brltty.conf  brltty-wrapper  rules.gz

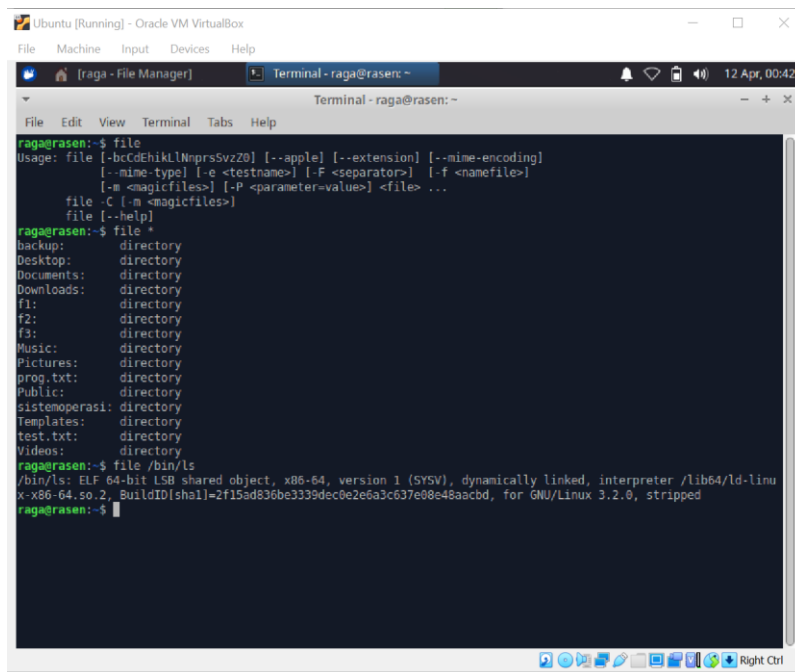
/usr/share/doc/brltty/French:
BRLTTY-10.html  BRLTTY-13.html  BRLTTY-1.html  BRLTTY-4.html  BRLTTY-7.html  BRLTTY.html
BRLTTY-11.html  BRLTTY-14.html  BRLTTY-2.html  BRLTTY-5.html  BRLTTY-8.html  BRLTTY.txt.gz
BRLTTY-12.html  BRLTTY-15.html  BRLTTY-3.html  BRLTTY-6.html  BRLTTY-9.html  Makefile

/usr/share/doc/brltty.x11:
changelog.Debian.gz  copyright  NEWS.Debian.gz  XWindow.README

/usr/share/doc/bsdmainutils:
calendarJudaic.py.gz  changelog.gz  copyright  README  source.data.gz

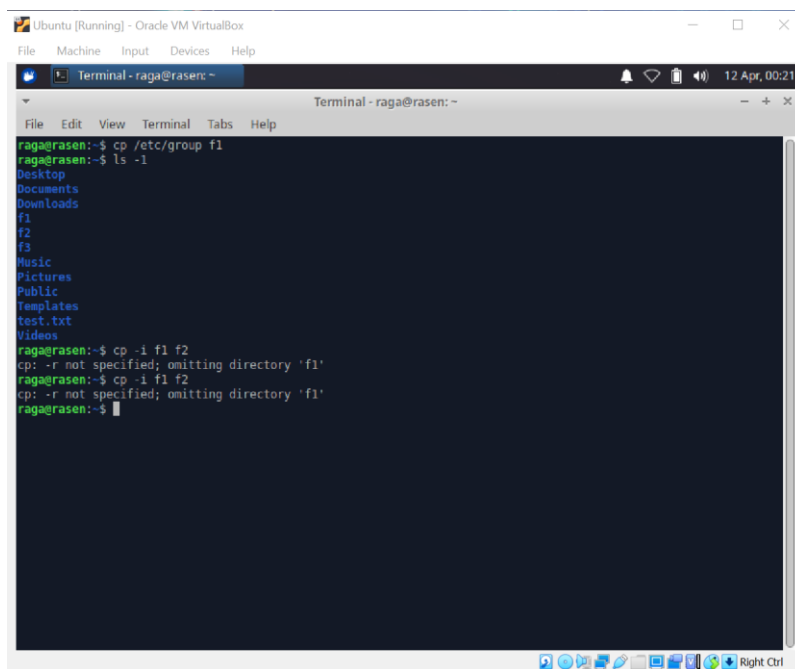
/usr/share/doc/bsdutils:
changelog.Debian.gz  copyright
```

## Percobaan 10: Melihat tipe file

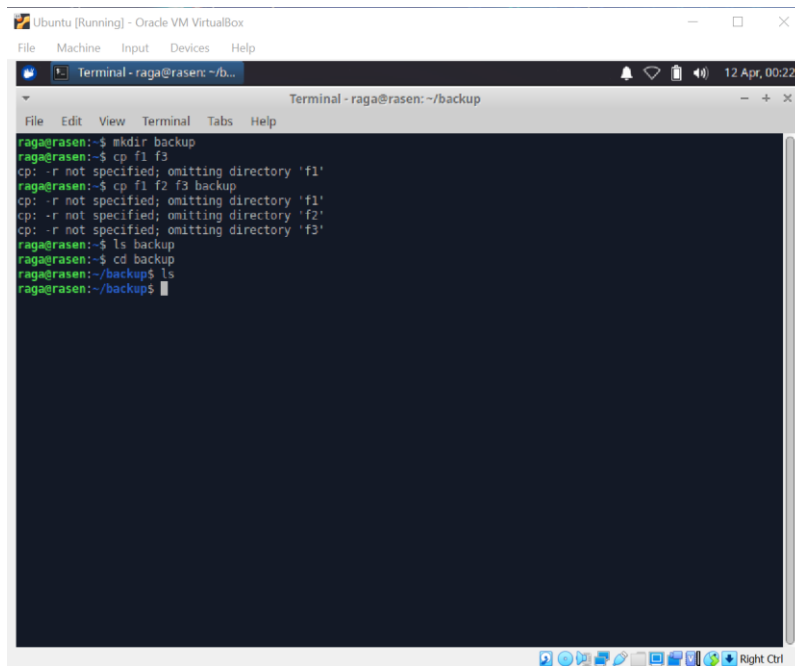


```
Ubuntu [Running] - Oracle VM VirtualBox
File Machine Input Devices Help
(raga - File Manager) Terminal - raga@rasen: ~
Terminal - raga@rasen: ~
File Edit View Terminal Tabs Help
raga@rasen:~$ file
Usage: file [-bCdEhikLmNprsSyZz0] [--apple] [--extension] [--mime-encoding]
        [--mime-type] [-e <testname>] [-F <separator>] [-f <namefile>]
        [-m <magicfiles>] [-P <parameter-value>] <file> ...
        file -C [-m <magicfiles>] <file> ...
        file [--help]
raga@rasen:~$ file *
backup:      directory
Desktop:     directory
Documents:   directory
Downloads:   directory
f1:          directory
f2:          directory
f3:          directory
Music:       directory
Pictures:    directory
prog.txt:    directory
Public:      directory
sistemoperasi: directory
Templates:   directory
test.txt:    directory
Videos:      directory
raga@rasen:~$ file /bin/ls
/bin/ls: ELF 64-bit LSB shared object, x86_64, version 1 (SYSV), dynamically linked, interpreter /lib64/ld-linux-x86-64.so.2, BuildID[sha1]=2f15ad830be3339dec0e2e6a3c637e08e48aacbd, for GNU/Linux 3.2.0, stripped
raga@rasen:~$
```

## Percobaan 11: Menyalin file



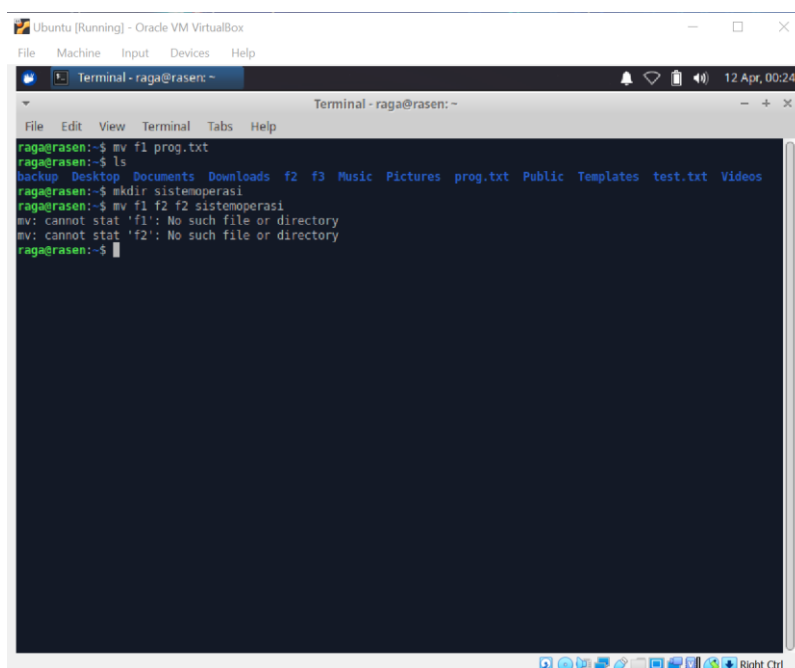
```
Ubuntu [Running] - Oracle VM VirtualBox
File Machine Input Devices Help
Terminal - raga@rasen: ~
Terminal - raga@rasen: ~
File Edit View Terminal Tabs Help
raga@rasen:~$ cp /etc/group f1
raga@rasen:~$ ls -l
Desktop
Documents
Downloads
f1
f2
f3
Music
Pictures
Public
Templates
test.txt
Videos
raga@rasen:~$ cp -i f1 f2
cp: -r not specified; omitting directory 'f1'
raga@rasen:~$ cp -i f1 f2
cp: -r not specified; omitting directory 'f1'
raga@rasen:~$
```



The screenshot shows a terminal window titled "Terminal - raga@rasen: ~/b...". The user is at the root directory. The commands and their outputs are as follows:

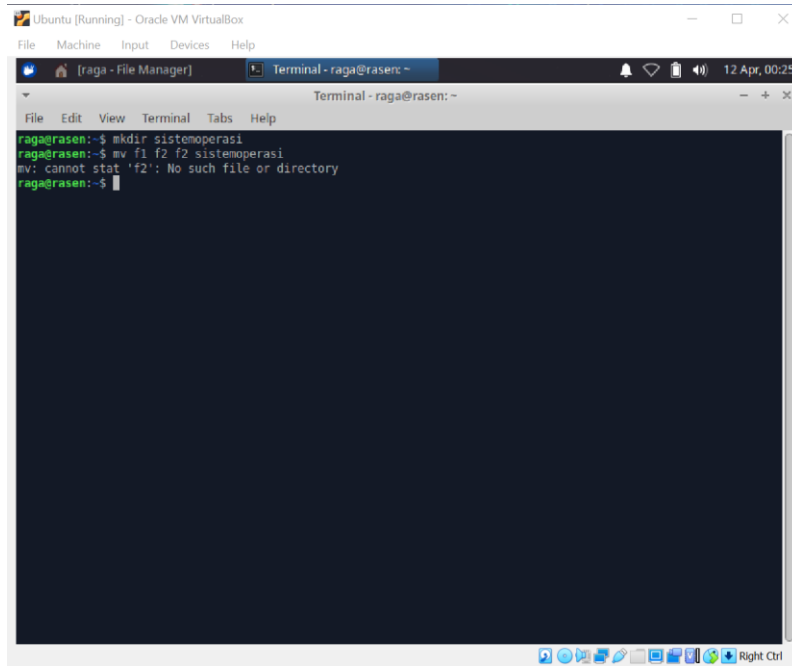
```
raga@rasen:~$ mkdir backup
raga@rasen:~$ cp f1 f3
cp: -r not specified; omitting directory 'f1'
raga@rasen:~$ cp f1 f2 f3 backup
cp: -r not specified; omitting directory 'f1'
cp: -r not specified; omitting directory 'f2'
cp: -r not specified; omitting directory 'f3'
raga@rasen:~$ ls backup
raga@rasen:~$ cd backup
raga@rasen:~/backup$ ls
raga@rasen:~/backups$
```

### Percobaan 13: mengubah nama file



The screenshot shows a terminal window titled "Terminal - raga@rasen: ~". The user is at the root directory. The commands and their outputs are as follows:

```
raga@rasen:~$ mv f1 prog.txt
raga@rasen:~$ ls
backup Desktop Documents Downloads f2 f3 Music Pictures prog.txt Public Templates test.txt Videos
raga@rasen:~$ mkdir sistemoperasi
raga@rasen:~$ mv f1 f2 f2 sistemoperasi
mv: cannot stat 'f1': No such file or directory
mv: cannot stat 'f2': No such file or directory
raga@rasen:~$
```



#### Percobaan 14: menghapus file

