

Challenge POSA TI-2



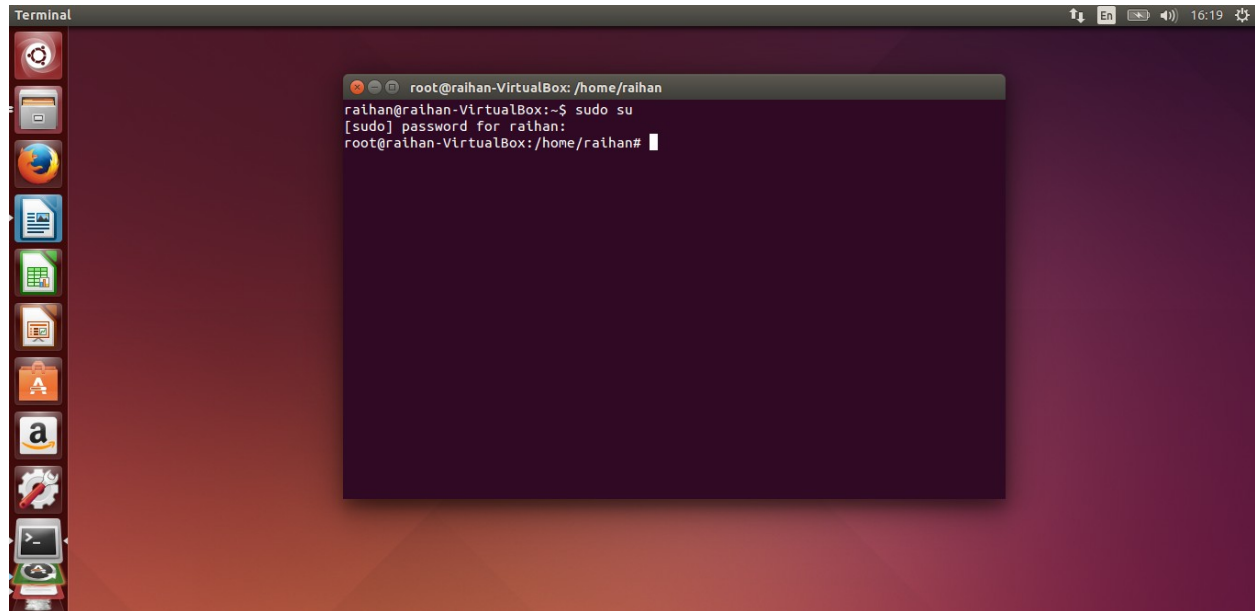
Nama : Hilmi Mahdi

Prodi : TI02

NIM : 0110218077

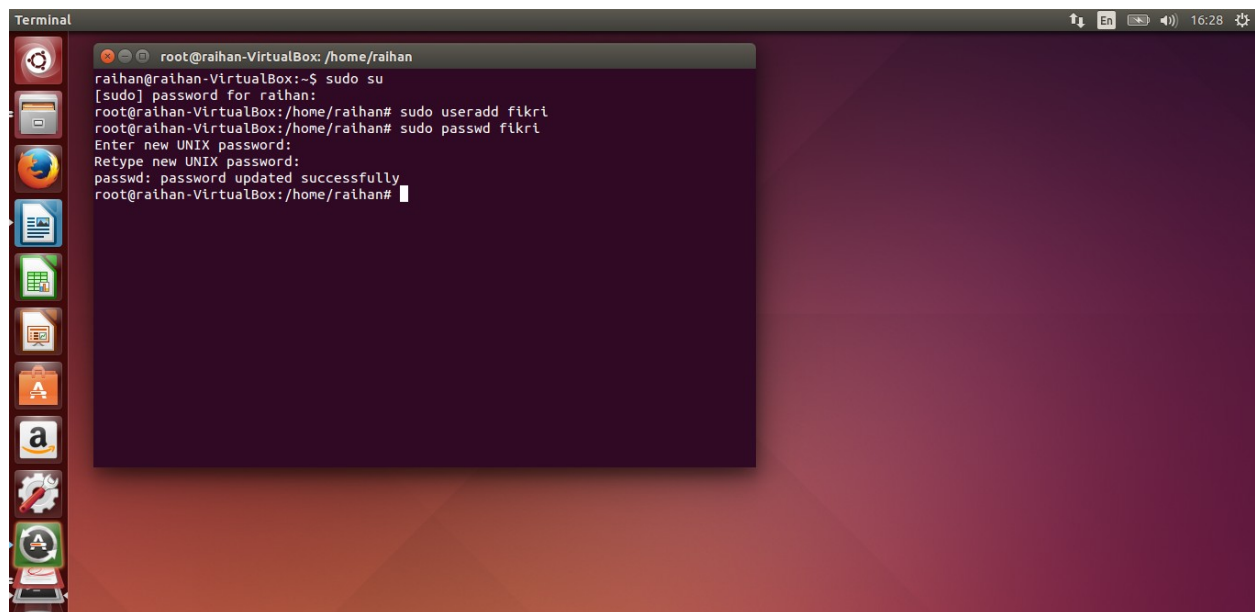
Modul 1

1. Perintah berubah dari user biasa menjadi user root:



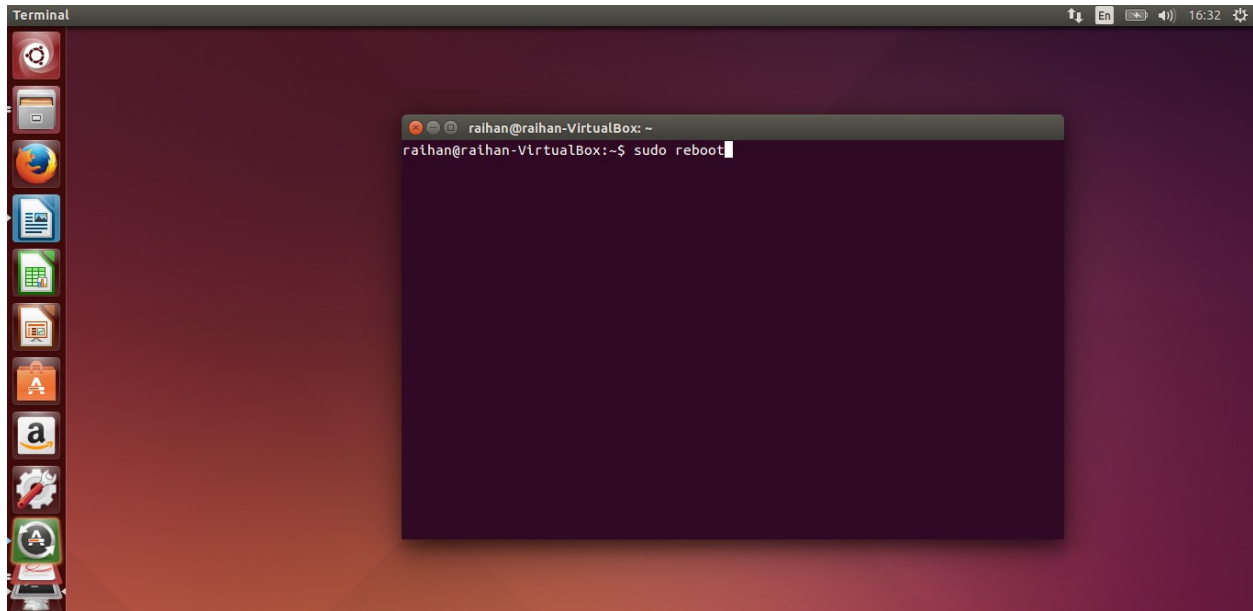
```
Terminal
root@raihan-VirtualBox: /home/raihan
raihan@raihan-VirtualBox:~$ sudo su
[sudo] password for raihan:
root@raihan-VirtualBox:/home/raihan#
```

2. Perintah mengubah password user fikri:

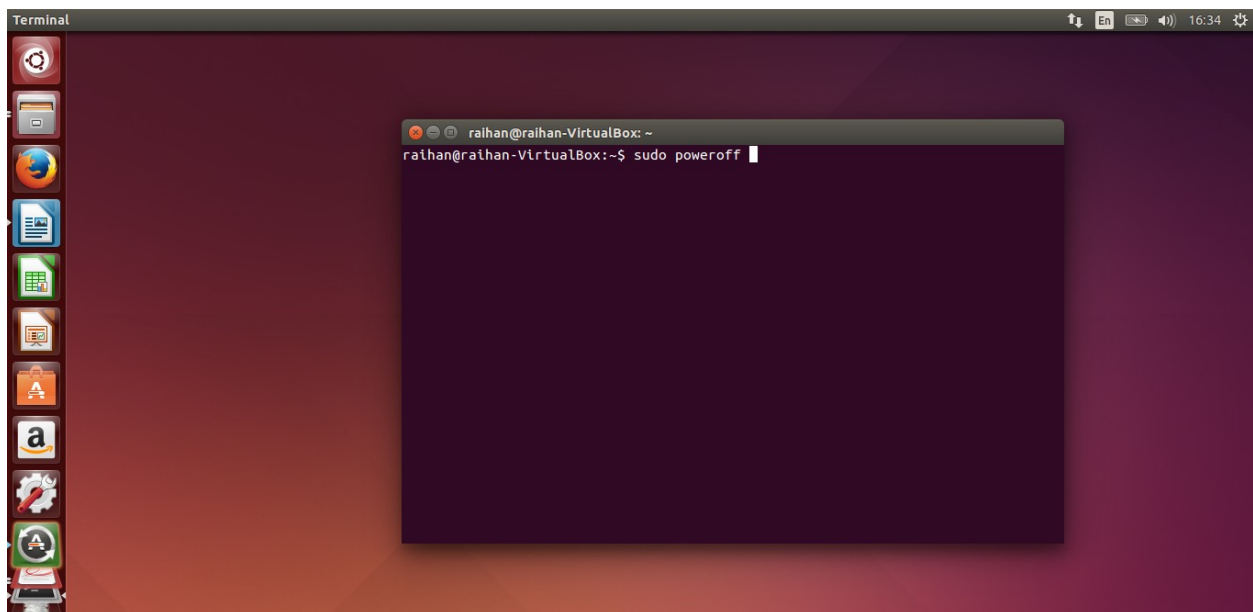


```
Terminal
root@raihan-VirtualBox: /home/raihan
raihan@raihan-VirtualBox:~$ sudo su
[sudo] password for raihan:
root@raihan-VirtualBox:/home/raihan# sudo useradd fikri
root@raihan-VirtualBox:/home/raihan# sudo passwd fikri
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
root@raihan-VirtualBox:/home/raihan#
```

3. Perintah me-restart Linux:



4. Perintah mematikan Linux:



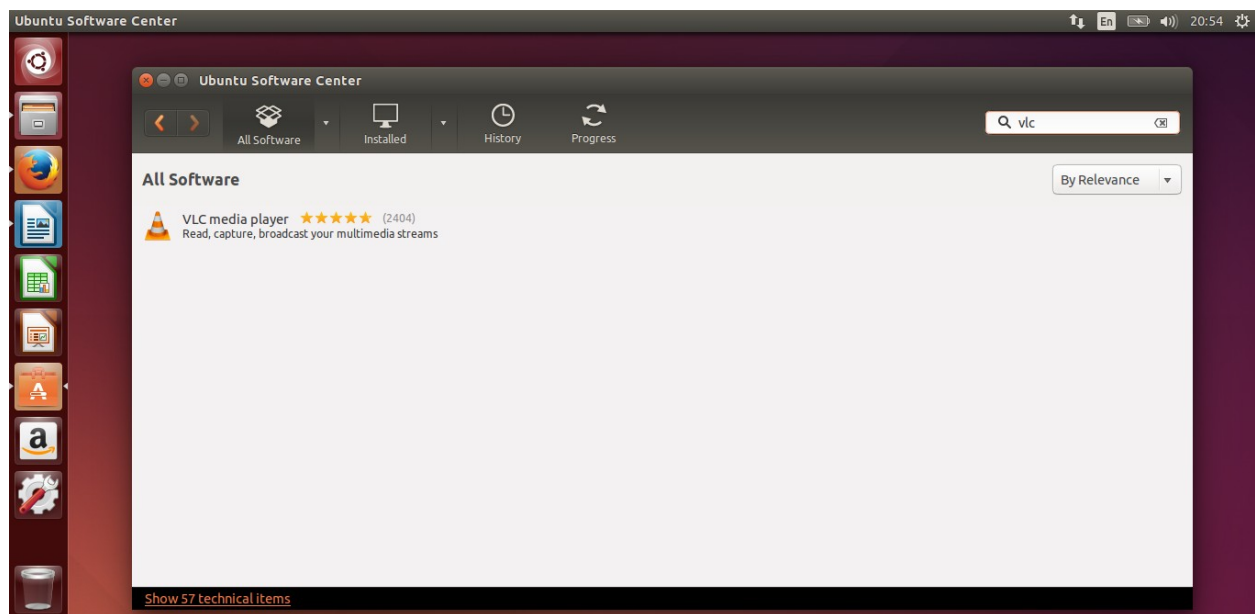
Modul 2

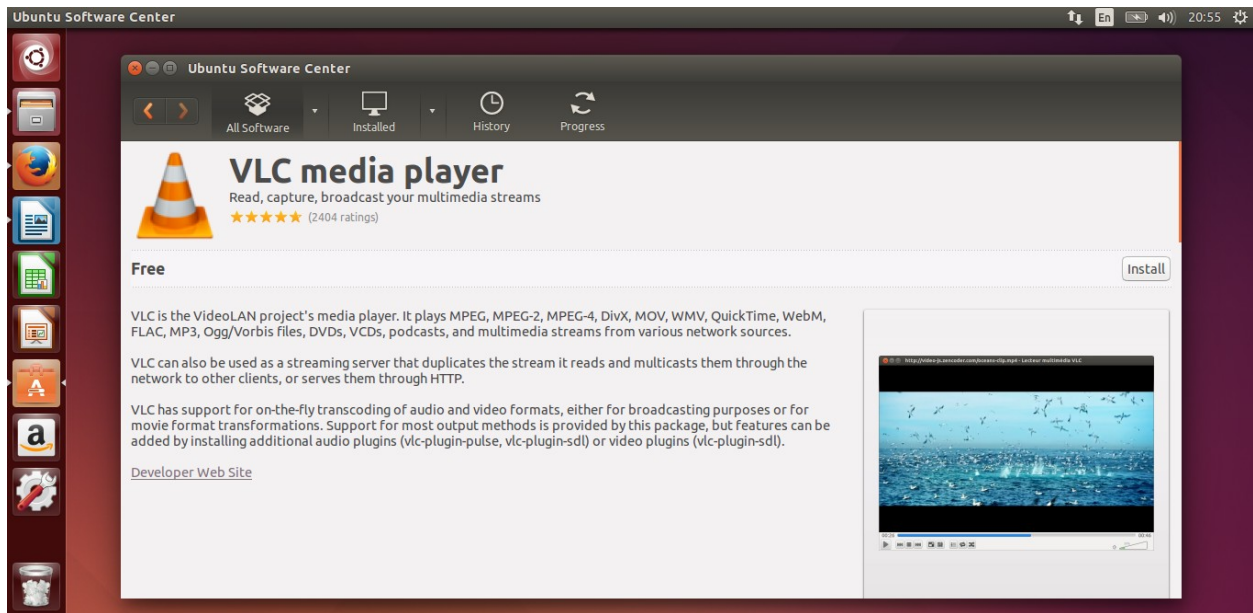
1. Tuliskan langkah-langkah menginstall VLC melalui Ubuntu Software Center.

- Buka Ubuntu Software Center

- Ketik di Pencarian

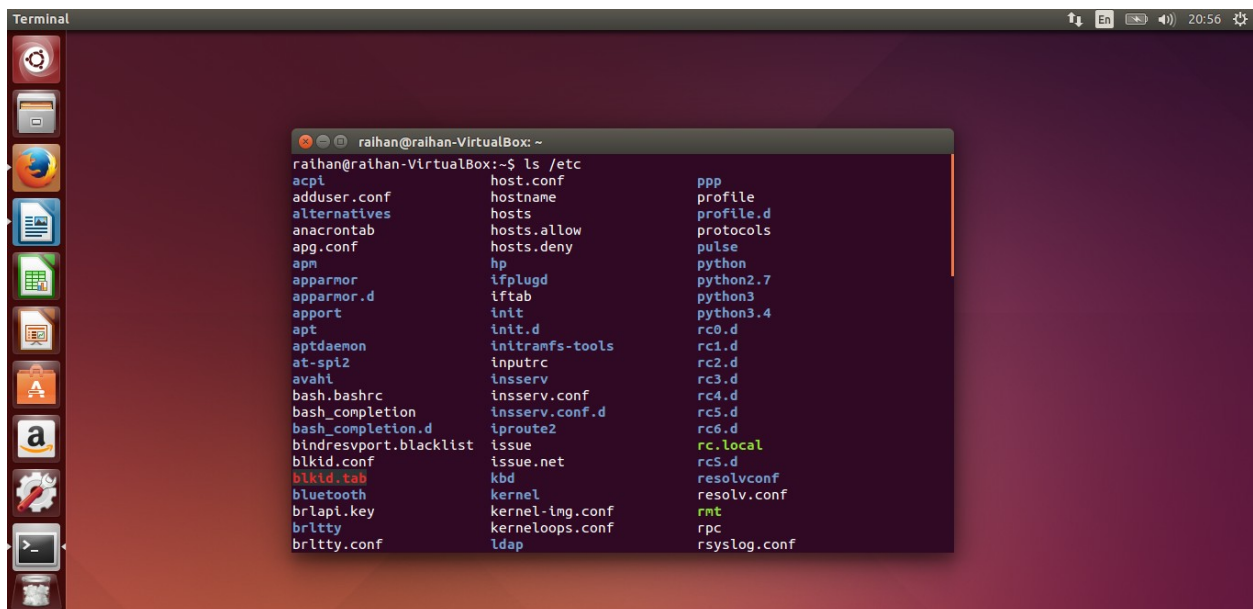
- Dan Klik Install



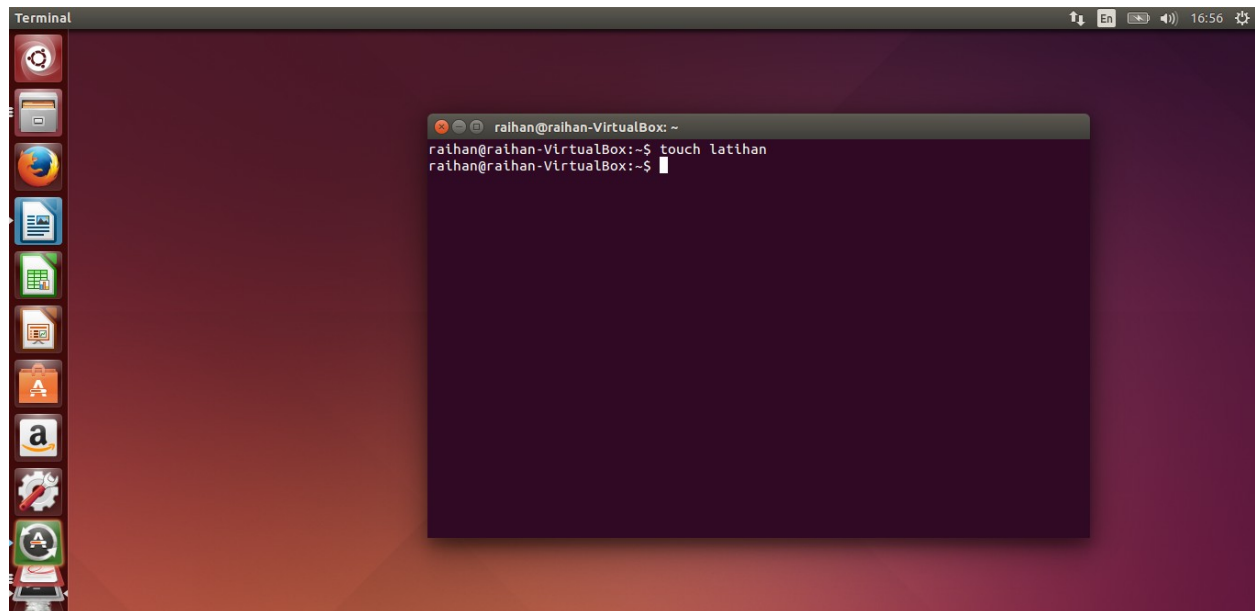


Modul 4

1. Perintah melihat isi direktori /etc:



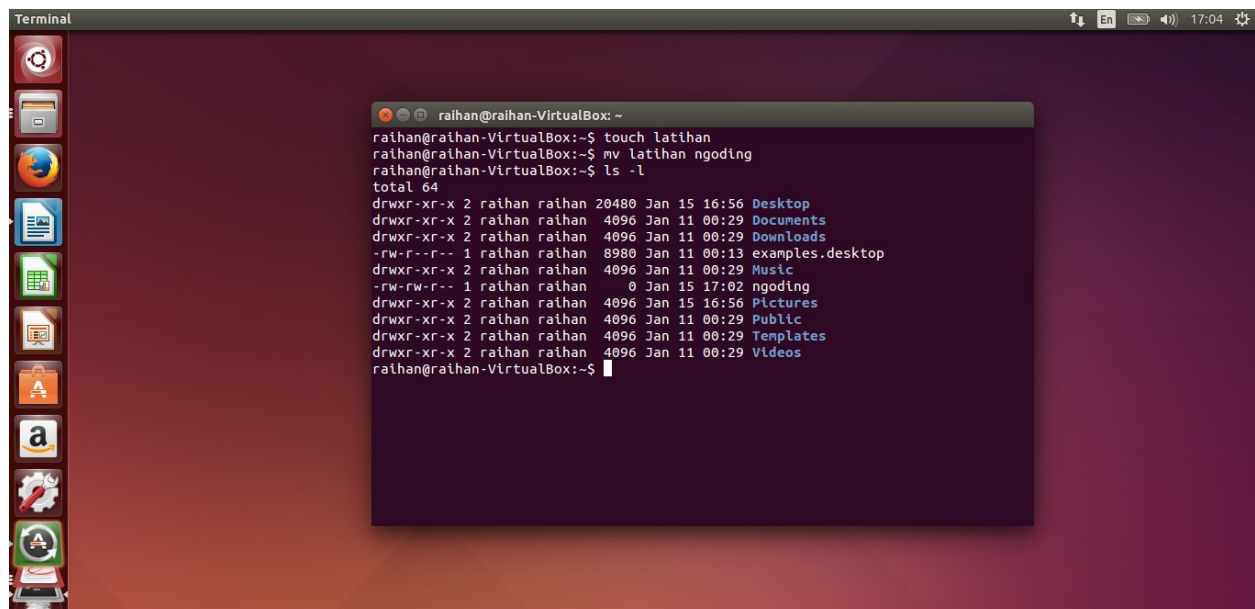
2. Perintah membuat file bernama latihan:



A terminal window titled "Terminal" is shown. The prompt is "raihan@raihan-VirtualBox: ~". The user enters the command "touch latihan". The prompt returns to "raihan@raihan-VirtualBox:~\$".

```
raihan@raihan-VirtualBox: ~
raihan@raihan-VirtualBox:~$ touch latihan
raihan@raihan-VirtualBox:~$
```

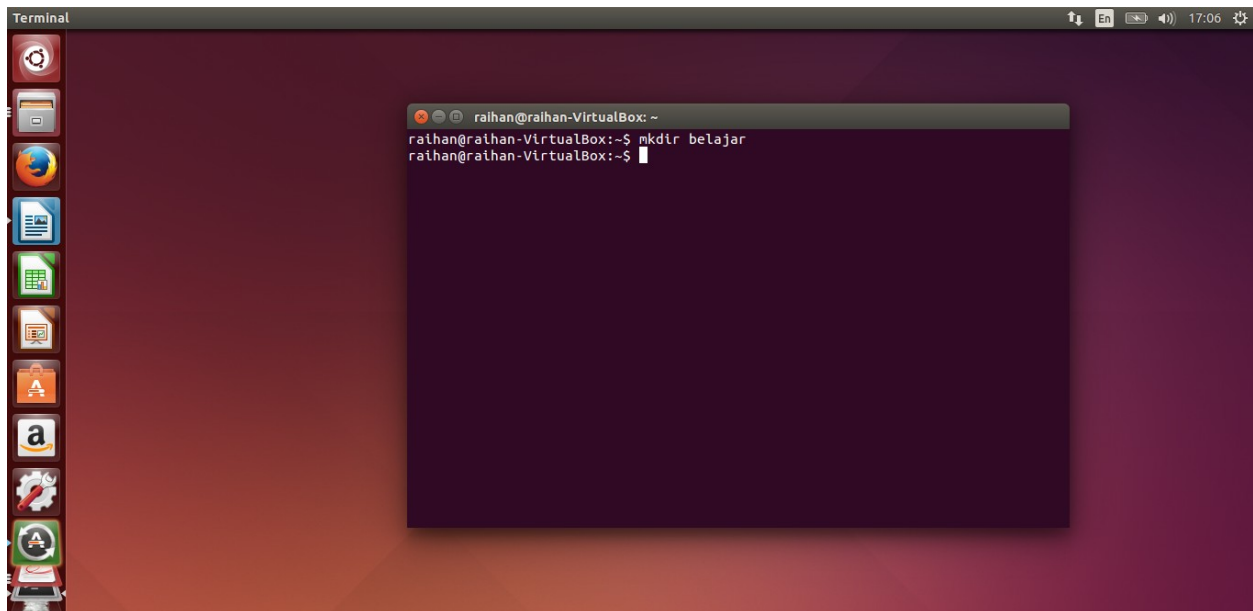
3. Perintah mengubah nama file latihan menjadi ngoding:



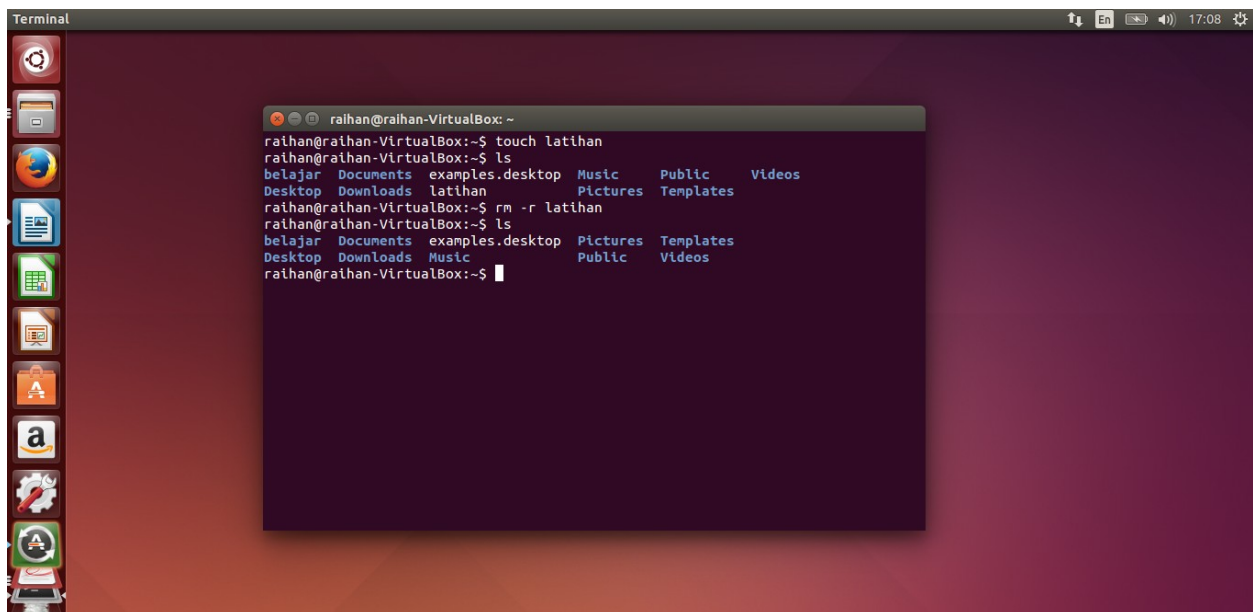
A terminal window titled "Terminal" is shown. The prompt is "raihan@raihan-VirtualBox: ~". The user enters the command "touch latihan". The prompt returns to "raihan@raihan-VirtualBox:~\$". The user enters the command "mv latihan ngoding". The prompt returns to "raihan@raihan-VirtualBox:~\$". The user enters the command "ls -l". The output shows a directory listing with permissions, owner, group, size, date, and file name.

```
raihan@raihan-VirtualBox: ~
raihan@raihan-VirtualBox:~$ touch latihan
raihan@raihan-VirtualBox:~$ mv latihan ngoding
raihan@raihan-VirtualBox:~$ ls -l
total 64
drwxr-xr-x 2 raihan raihan 20480 Jan 15 16:56 Desktop
drwxr-xr-x 2 raihan raihan 4096 Jan 11 00:29 Documents
drwxr-xr-x 2 raihan raihan 4096 Jan 11 00:29 Downloads
-rw-r--r-- 1 raihan raihan 8980 Jan 11 00:13 examples.desktop
drwxr-xr-x 2 raihan raihan 4096 Jan 11 00:29 Music
-rw-rw-r-- 1 raihan raihan 0 Jan 15 17:02 ngoding
drwxr-xr-x 2 raihan raihan 4096 Jan 15 16:56 Pictures
drwxr-xr-x 2 raihan raihan 4096 Jan 11 00:29 Public
drwxr-xr-x 2 raihan raihan 4096 Jan 11 00:29 Templates
drwxr-xr-x 2 raihan raihan 4096 Jan 11 00:29 Videos
raihan@raihan-VirtualBox:~$
```

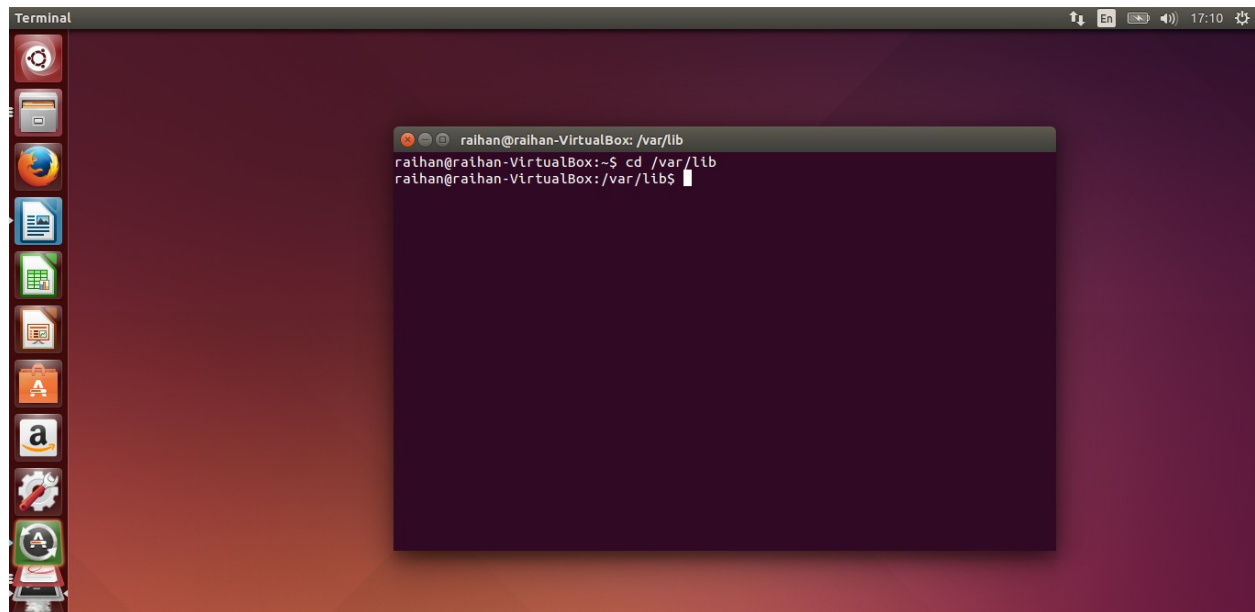
1. Membuat direktori bernama belajar:



2. Perintah menghapus file bernama latihan:



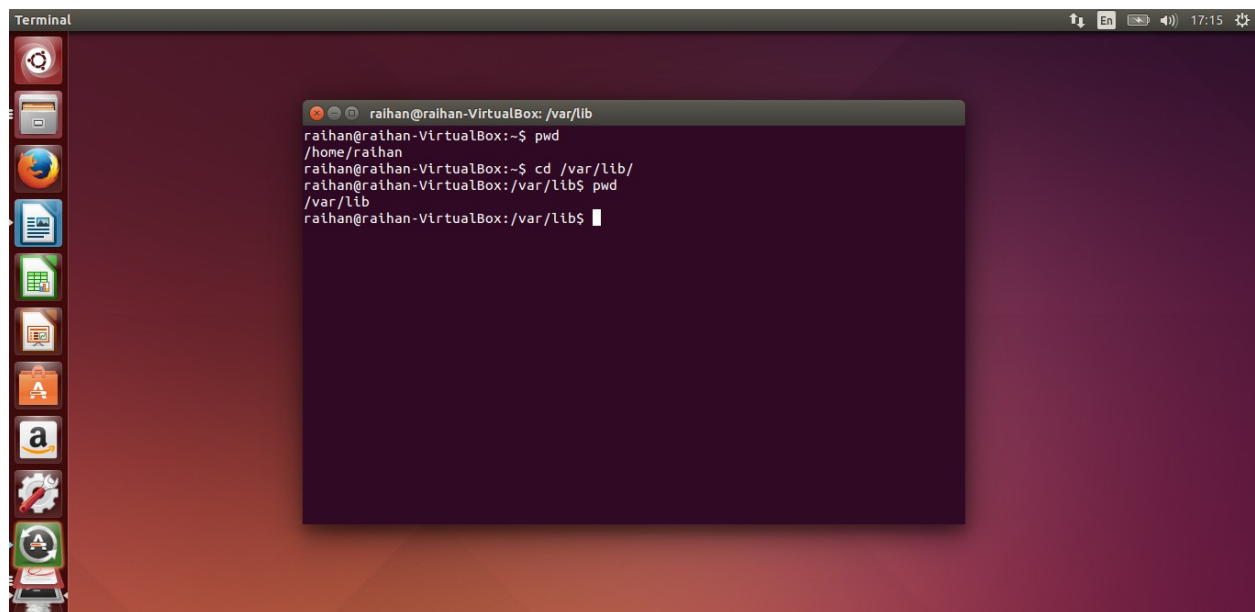
3. Perintah pindah ke direktori /var/lib:



A terminal window titled "Terminal" is open on a desktop environment. The window shows the following commands and output:

```
raihan@raihan-VirtualBox: /var/lib
raihan@raihan-VirtualBox:~$ cd /var/lib
raihan@raihan-VirtualBox: /var/lib$
```

4. Cek posisi direktori sekarang:

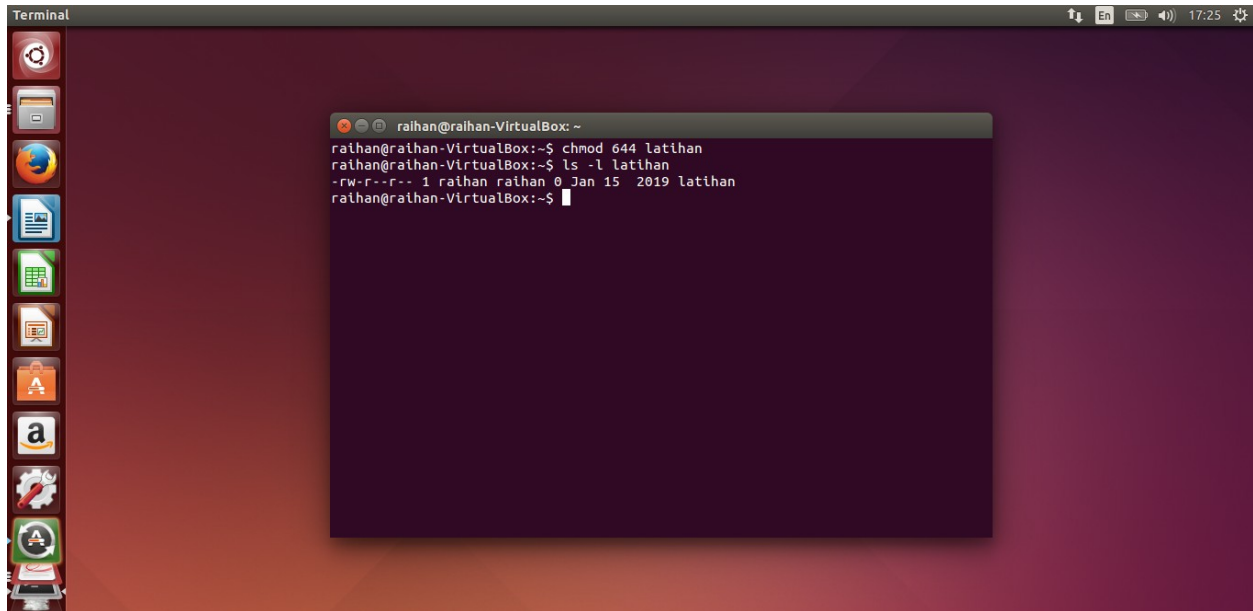


A terminal window titled "Terminal" is open on a desktop environment. The window shows the following commands and output:

```
raihan@raihan-VirtualBox: /var/lib
raihan@raihan-VirtualBox:~$ pwd
/home/raihan
raihan@raihan-VirtualBox:~$ cd /var/lib/
raihan@raihan-VirtualBox: /var/lib$ pwd
/var/lib
raihan@raihan-VirtualBox: /var/lib$
```

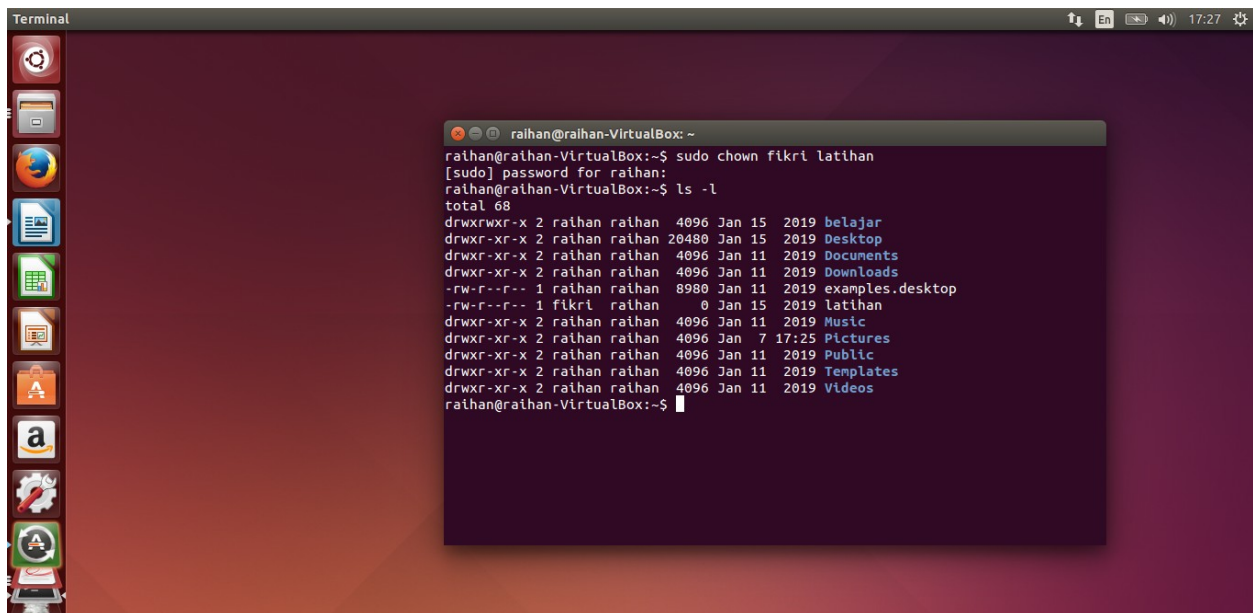

Modul 6

1. Mengubah izin akses file latihan menjadi rw-r--:

A terminal window titled 'Terminal' is open on a Linux desktop. The desktop background is a dark purple gradient. On the left side, there is a vertical dock with several application icons. The terminal window shows the following commands and output:

```
raihan@raihan-VirtualBox: ~  
raihan@raihan-VirtualBox:~$ chmod 644 latihan  
raihan@raihan-VirtualBox:~$ ls -l latihan  
-rw-r--r-- 1 raihan raihan 0 Jan 15 2019 latihan  
raihan@raihan-VirtualBox:~$
```

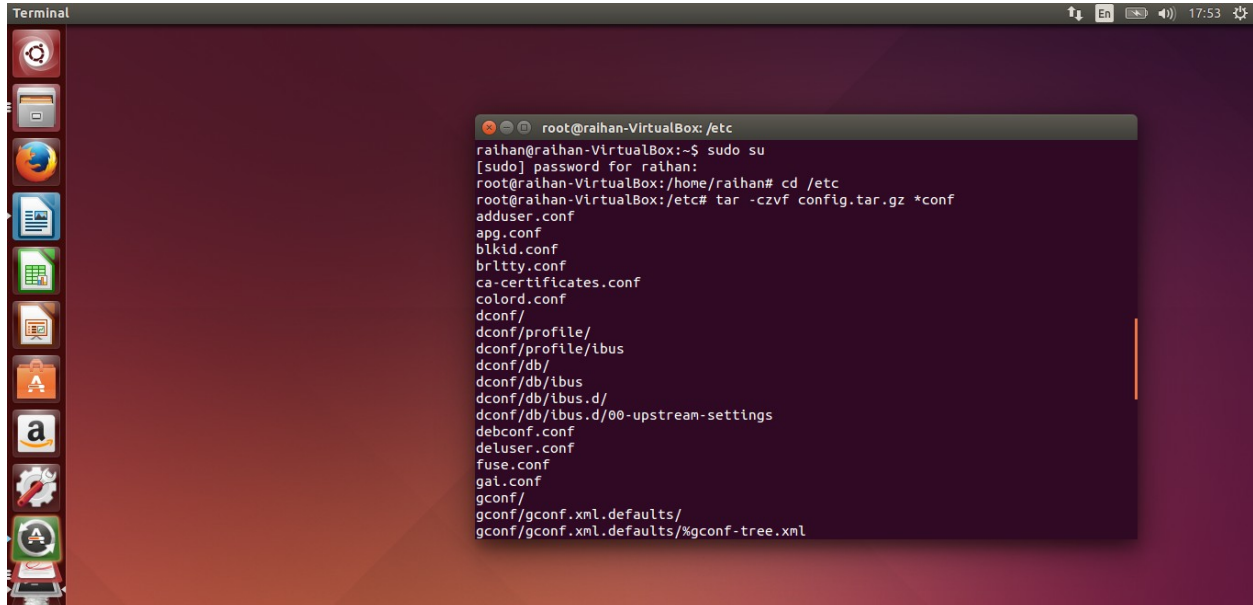
2. Mengubah pemilik file latihan menjadi rifki.

A terminal window titled 'Terminal' is open on a Linux desktop. The desktop background is a dark purple gradient. On the left side, there is a vertical dock with several application icons. The terminal window shows the following commands and output:

```
raihan@raihan-VirtualBox: ~  
raihan@raihan-VirtualBox:~$ sudo chown fikri latihan  
[sudo] password for raihan:  
raihan@raihan-VirtualBox:~$ ls -l  
total 68  
drwxrwxr-x 2 raihan raihan 4096 Jan 15 2019 belajar  
drwxr-xr-x 2 raihan raihan 20480 Jan 15 2019 Desktop  
drwxr-xr-x 2 raihan raihan 4096 Jan 11 2019 Documents  
drwxr-xr-x 2 raihan raihan 4096 Jan 11 2019 Downloads  
-rw-r--r-- 1 raihan raihan 8980 Jan 11 2019 examples.desktop  
-rw-r--r-- 1 fikri raihan 0 Jan 15 2019 latihan  
drwxr-xr-x 2 raihan raihan 4096 Jan 11 2019 Music  
drwxr-xr-x 2 raihan raihan 4096 Jan 7 17:25 Pictures  
drwxr-xr-x 2 raihan raihan 4096 Jan 11 2019 Public  
drwxr-xr-x 2 raihan raihan 4096 Jan 11 2019 Templates  
drwxr-xr-x 2 raihan raihan 4096 Jan 11 2019 Videos  
raihan@raihan-VirtualBox:~$
```

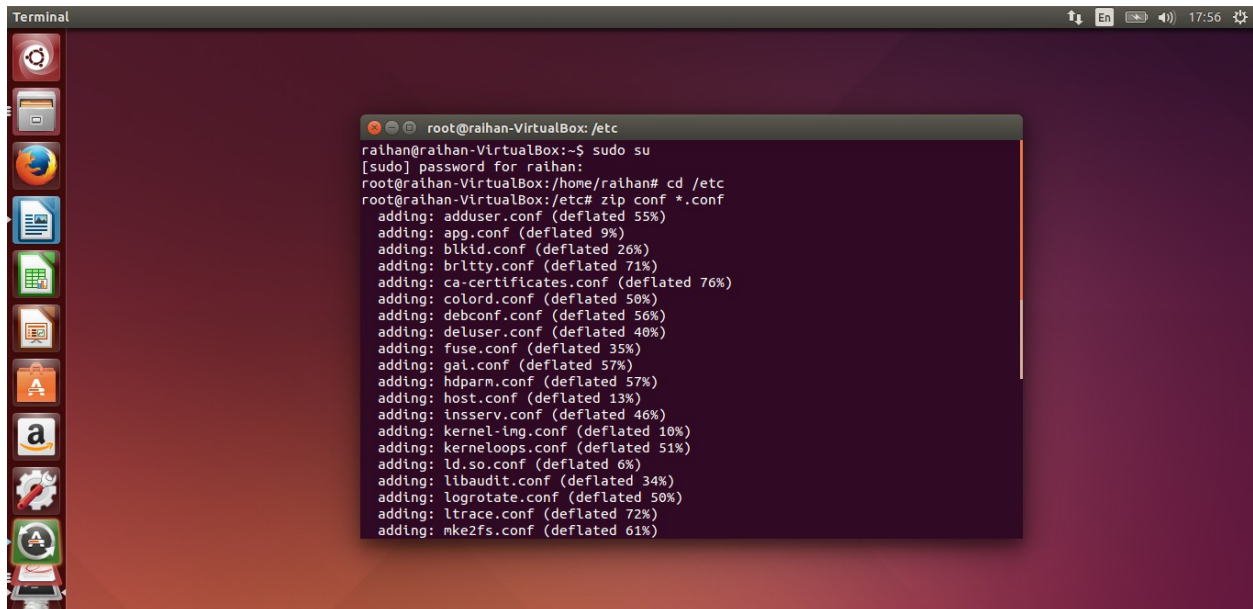
Modul 7

1. Perintah mengarsip dan meng-kompresi seluruh file .conf di /etc/ dengan tar dan gzip secara bersamaan:

A terminal window titled 'Terminal' with a dark background and a sidebar of application icons on the left. The terminal shows a user named 'raihan' at a 'raihan-VirtualBox' machine. The user enters 'sudo su' to become root. The root prompt shows the user is in the home directory. The user then enters 'cd /etc' to navigate to the /etc directory. Finally, the user enters 'tar -czvf config.tar.gz *conf', which lists the files being archived: adduser.conf, apg.conf, blkid.conf, brltty.conf, ca-certificates.conf, colord.conf, dconf/, dconf/profile/, dconf/profile/ibus, dconf/db/, dconf/db/ibus, dconf/db/ibus.d/, dconf/db/ibus.d/00-upstream-settings, debconf.conf, deluser.conf, fuse.conf, gai.conf, gconf/, gconf/gconf.xml.defaults/, and gconf/gconf.xml.defaults/%gconf-tree.xml.

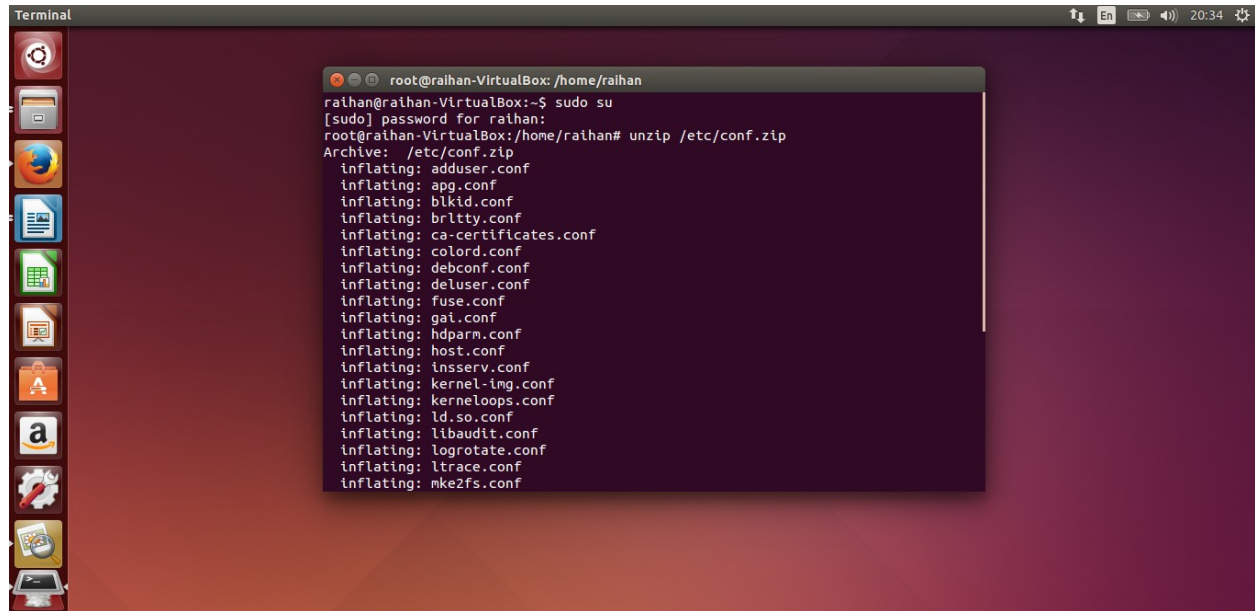
```
root@raihan-VirtualBox: /etc
raihan@raihan-VirtualBox:~$ sudo su
[sudo] password for raihan:
root@raihan-VirtualBox:/home/raihan# cd /etc
root@raihan-VirtualBox:/etc# tar -czvf config.tar.gz *conf
adduser.conf
apg.conf
blkid.conf
brltty.conf
ca-certificates.conf
colord.conf
dconf/
dconf/profile/
dconf/profile/ibus
dconf/db/
dconf/db/ibus
dconf/db/ibus.d/
dconf/db/ibus.d/00-upstream-settings
debconf.conf
deluser.conf
fuse.conf
gai.conf
gconf/
gconf/gconf.xml.defaults/
gconf/gconf.xml.defaults/%gconf-tree.xml
```

2. Perintah mengarsip dan meng-kompresi seluruh file .conf di /etc dengan zip:

A terminal window titled 'Terminal' with a dark background and a sidebar of application icons on the left. The terminal shows a user named 'raihan' at a 'raihan-VirtualBox' machine. The user enters 'sudo su' to become root. The root prompt shows the user is in the home directory. The user then enters 'cd /etc' to navigate to the /etc directory. Finally, the user enters 'zip conf *.conf', which lists the files being archived and their compression status: adduser.conf (deflated 55%), apg.conf (deflated 9%), blkid.conf (deflated 26%), brltty.conf (deflated 71%), ca-certificates.conf (deflated 76%), colord.conf (deflated 50%), debconf.conf (deflated 56%), deluser.conf (deflated 40%), fuse.conf (deflated 35%), gai.conf (deflated 57%), hdparm.conf (deflated 57%), host.conf (deflated 13%), insserv.conf (deflated 46%), kernel-img.conf (deflated 10%), kernelloops.conf (deflated 51%), ld.so.conf (deflated 6%), libaudit.conf (deflated 34%), logrotate.conf (deflated 50%), ltrace.conf (deflated 72%), and mke2fs.conf (deflated 61%).

```
root@raihan-VirtualBox: /etc
raihan@raihan-VirtualBox:~$ sudo su
[sudo] password for raihan:
root@raihan-VirtualBox:/home/raihan# cd /etc
root@raihan-VirtualBox:/etc# zip conf *.conf
adding: adduser.conf (deflated 55%)
adding: apg.conf (deflated 9%)
adding: blkid.conf (deflated 26%)
adding: brltty.conf (deflated 71%)
adding: ca-certificates.conf (deflated 76%)
adding: colord.conf (deflated 50%)
adding: debconf.conf (deflated 56%)
adding: deluser.conf (deflated 40%)
adding: fuse.conf (deflated 35%)
adding: gai.conf (deflated 57%)
adding: hdparm.conf (deflated 57%)
adding: host.conf (deflated 13%)
adding: insserv.conf (deflated 46%)
adding: kernel-img.conf (deflated 10%)
adding: kernelloops.conf (deflated 51%)
adding: ld.so.conf (deflated 6%)
adding: libaudit.conf (deflated 34%)
adding: logrotate.conf (deflated 50%)
adding: ltrace.conf (deflated 72%)
adding: mke2fs.conf (deflated 61%)
```

3. Perintah mengekstrak file zip yang sudah dikompresi di atas:

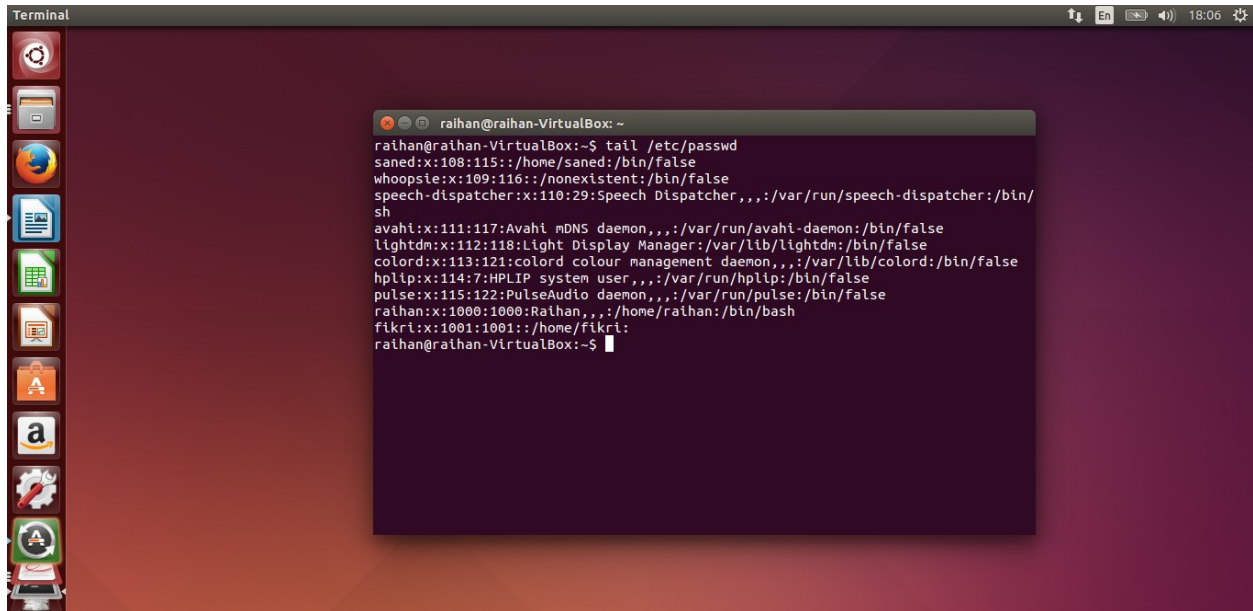


The screenshot shows a terminal window titled "Terminal" with a dark background. The prompt is "root@raihan-VirtualBox: /home/raihan". The user has executed the command "sudo su" and entered the password "raihan". The user then runs "unzip /etc/conf.zip". The terminal output shows the archive name "/etc/conf.zip" and a list of files being inflated: adduser.conf, apg.conf, blkid.conf, brltty.conf, ca-certificates.conf, colord.conf, debconf.conf, deluser.conf, fuse.conf, gai.conf, hdparm.conf, host.conf, insserv.conf, kernel-img.conf, kerneloops.conf, ld.so.conf, libaudit.conf, logrotate.conf, ltrace.conf, and mke2fs.conf.

```
root@raihan-VirtualBox: /home/raihan
raihan@raihan-VirtualBox:~$ sudo su
[sudo] password for raihan:
root@raihan-VirtualBox:/home/raihan# unzip /etc/conf.zip
Archive:  /etc/conf.zip
  inflating: adduser.conf
  inflating: apg.conf
  inflating: blkid.conf
  inflating: brltty.conf
  inflating: ca-certificates.conf
  inflating: colord.conf
  inflating: debconf.conf
  inflating: deluser.conf
  inflating: fuse.conf
  inflating: gai.conf
  inflating: hdparm.conf
  inflating: host.conf
  inflating: insserv.conf
  inflating: kernel-img.conf
  inflating: kerneloops.conf
  inflating: ld.so.conf
  inflating: libaudit.conf
  inflating: logrotate.conf
  inflating: ltrace.conf
  inflating: mke2fs.conf
```

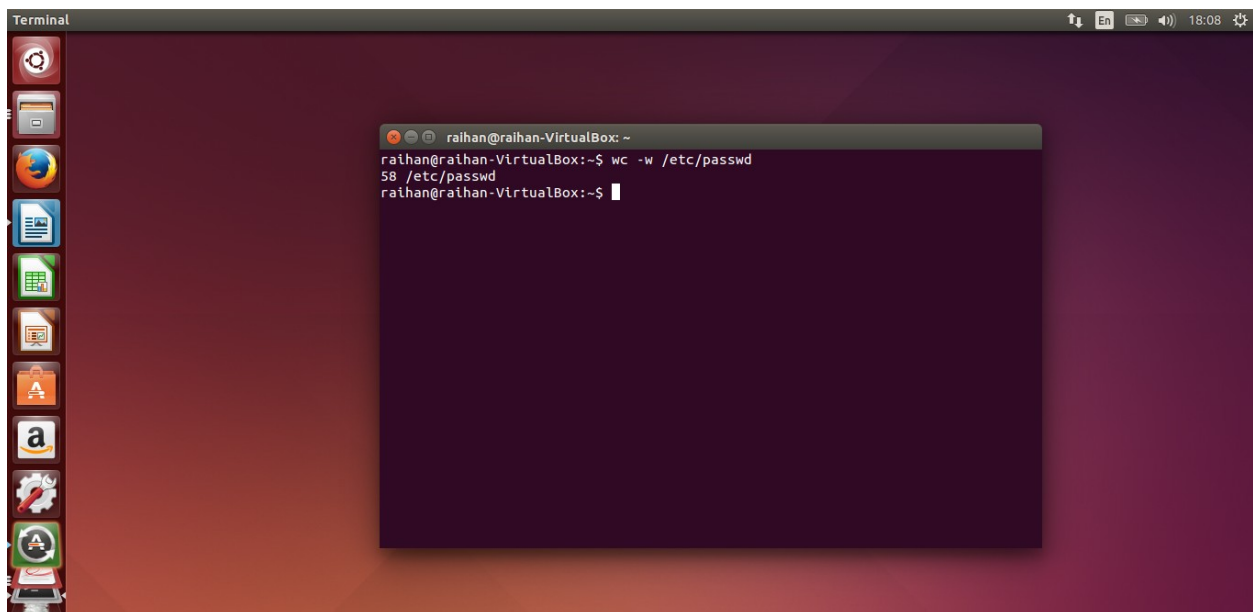
Modul 8

1. Menampilkan bagian akhir file /etc/passwd:



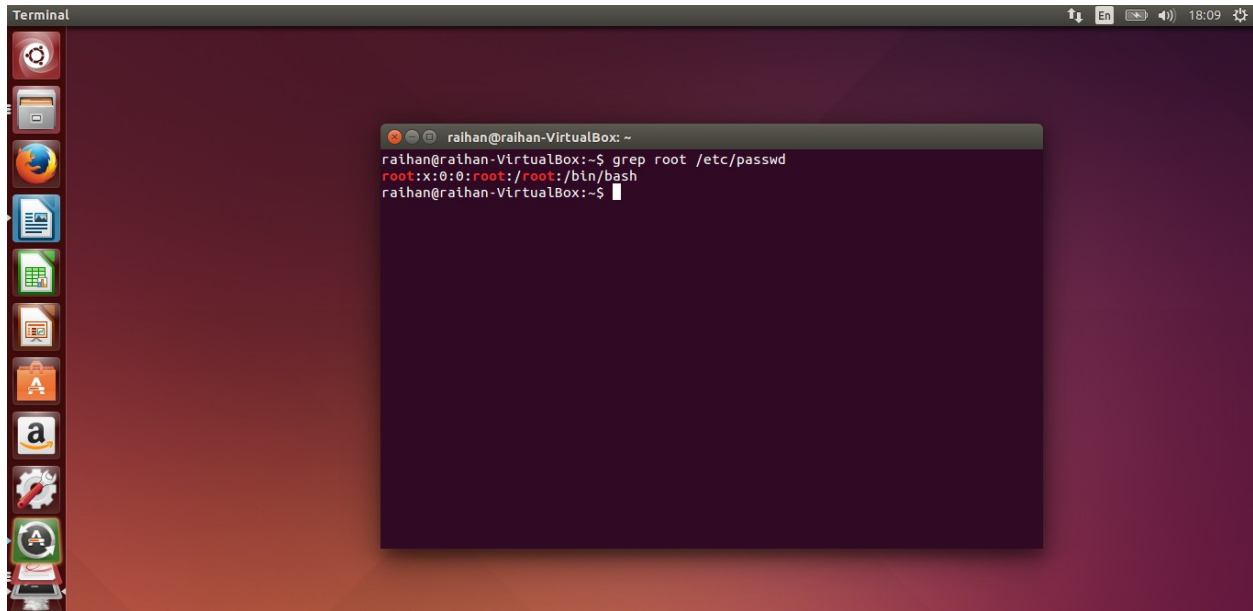
```
Terminal
raihan@raihan-VirtualBox: ~
raihan@raihan-VirtualBox:~$ tail /etc/passwd
saned:x:108:115:./home/saned:/bin/false
whoopsie:x:109:116:./nonexistent:/bin/false
speech-dispatcher:x:110:29:Speech Dispatcher,,,:/var/run/speech-dispatcher:/bin/sh
avahi:x:111:117:Avahi mDNS daemon,,,:/var/run/avahi-daemon:/bin/false
lightdm:x:112:118:Light Display Manager:/var/lib/lightdm:/bin/false
colord:x:113:121:colord colour management daemon,,,:/var/lib/colord:/bin/false
hplip:x:114:7:HPLIP system user,,,:/var/run/hplip:/bin/false
pulse:x:115:122:PulseAudio daemon,,,:/var/run/pulse:/bin/false
raihan:x:1000:1000:Raihan,,,:/home/raihan:/bin/bash
fikri:x:1001:1001:./home/fikri:
raihan@raihan-VirtualBox:~$
```

2. Perintah menghitung kata file /etc/passwd:



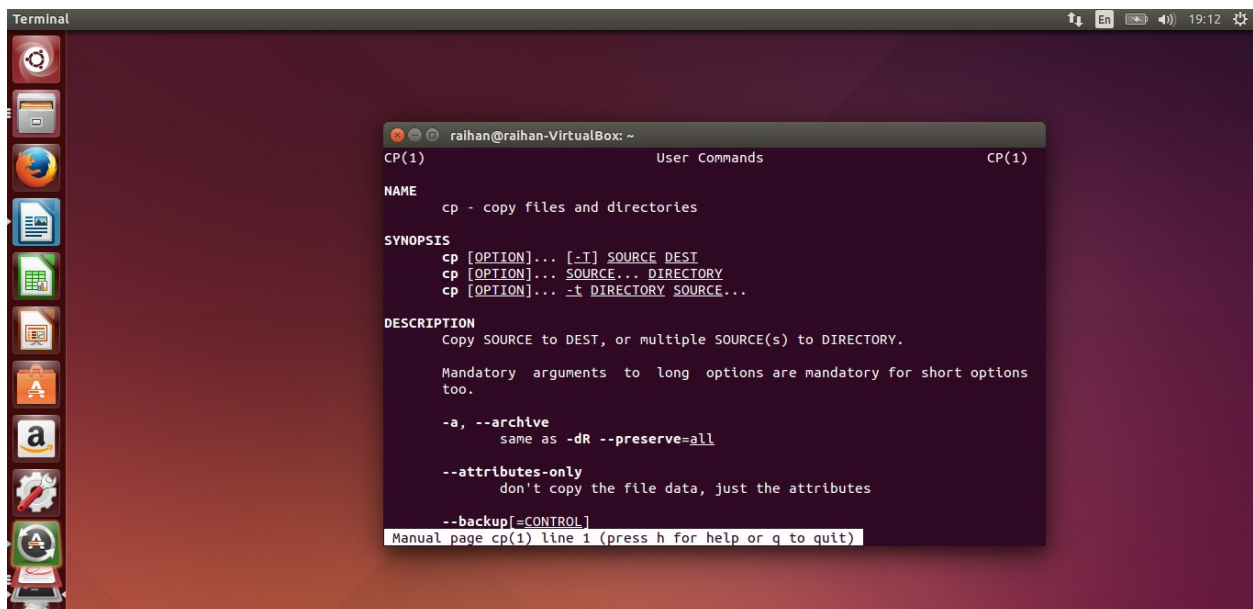
```
Terminal
raihan@raihan-VirtualBox: ~
raihan@raihan-VirtualBox:~$ wc -w /etc/passwd
58 /etc/passwd
raihan@raihan-VirtualBox:~$
```

3. Perintah mencari kata root di file /etc/passwd:

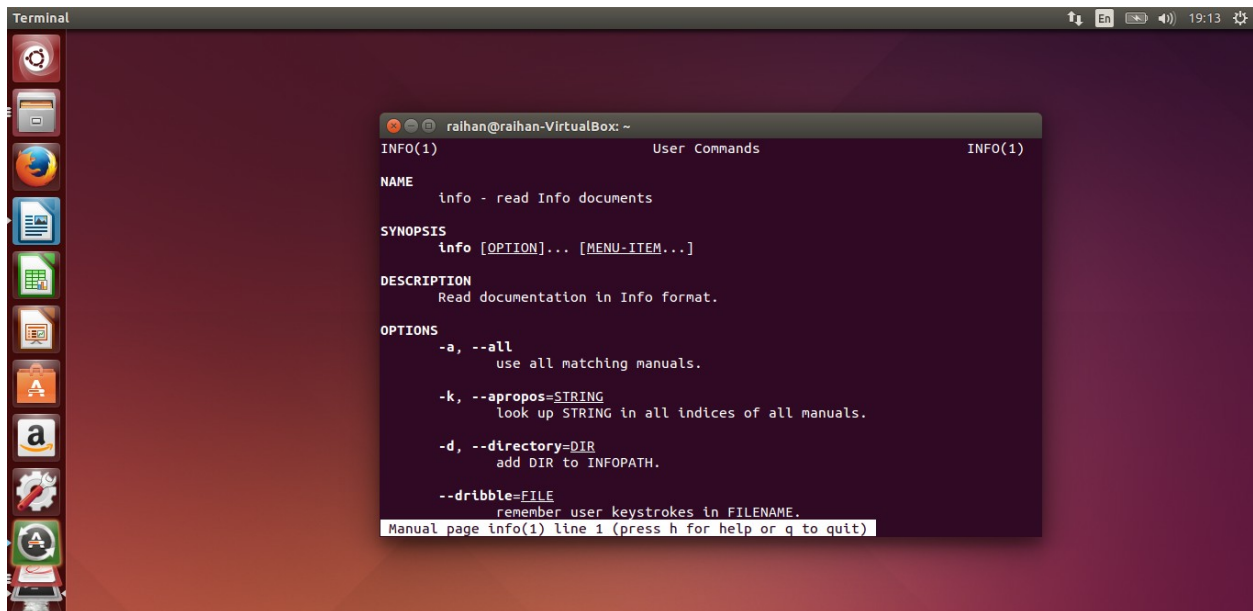


Modul 9

1. Tampilkan halaman manual dari perintah cp:



2. Tampilkan halaman info dari perintah date:



The screenshot shows a terminal window titled "Terminal" with a dark purple background. A window titled "raihan@raihan-VirtualBox: ~" is open, displaying the output of the 'info' command. The output is formatted as follows:

```
INFO(1) User Commands INFO(1)

NAME
  info - read Info documents

SYNOPSIS
  info [OPTION]... [MENU-ITEM...]

DESCRIPTION
  Read documentation in Info format.

OPTIONS
  -a, --all
        use all matching manuals.

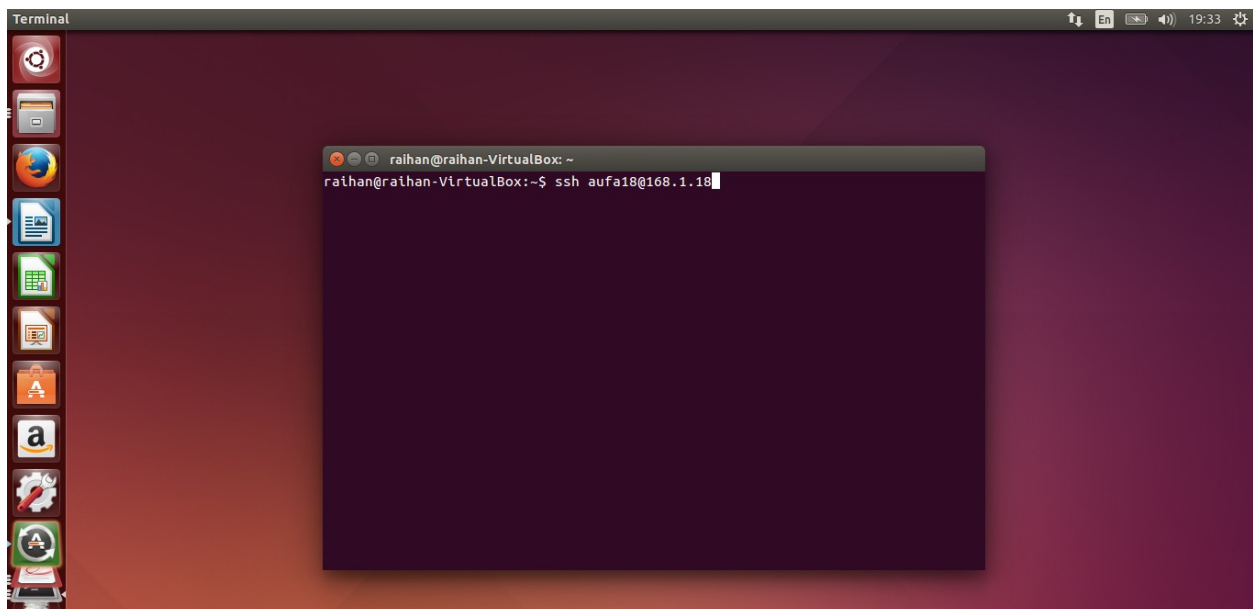
  -k, --apropos=STRING
        look up STRING in all indices of all manuals.

  -d, --directory=DIR
        add DIR to INFOPATH.

  --dribble=FILE
        remember user keystrokes in FILENAME.
Manual page info(1) line 1 (press h for help or q to quit)
```

Modul 10

1. Jalankan Perintah meremote komputer aufa:



The screenshot shows a terminal window titled "Terminal" with a dark purple background. A window titled "raihan@raihan-VirtualBox: ~" is open, displaying the command to connect to a remote computer:

```
raihan@raihan-VirtualBox:~$ ssh aufa18@168.1.18
```


2. Jalankan Perintah mengcopy file latihan ke komputer aufa:

