

**PRODI**  
**TEKNOLOGI INFORMASI**



**STT-NF**

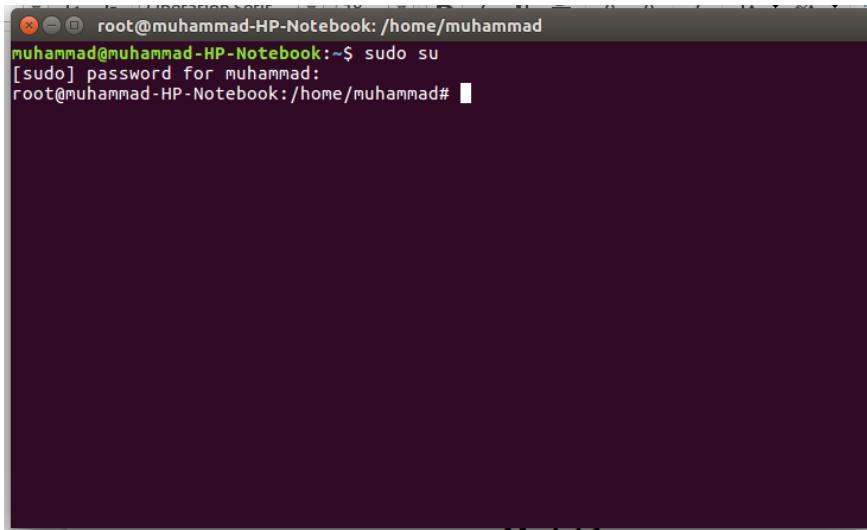
Mata Kuliah :  
**Pengantar Open Source dan Aplikasi**

Disusun Oleh :  
**MUHAMMAD FIKRI**

Dosen Pembimbing :  
**Umul Sidiqoh, S.Kom**

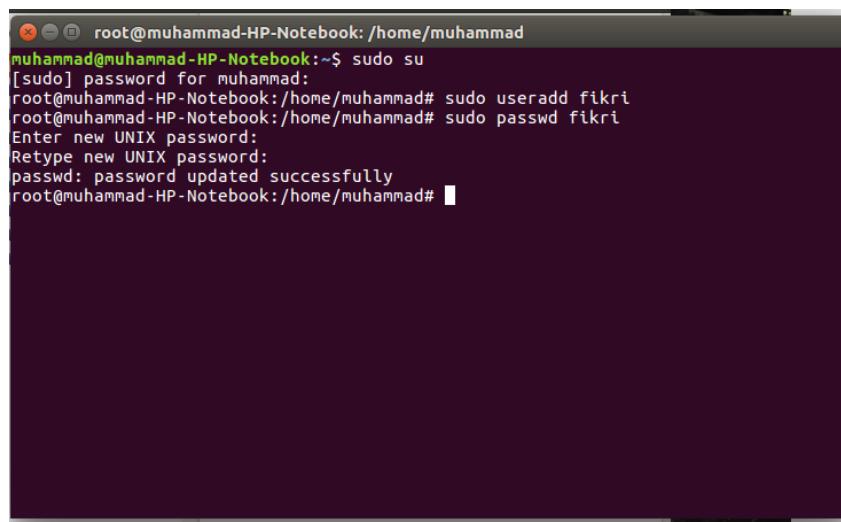
# Modul 1

1. Perintah berubah dari user biasa menjadi user root:



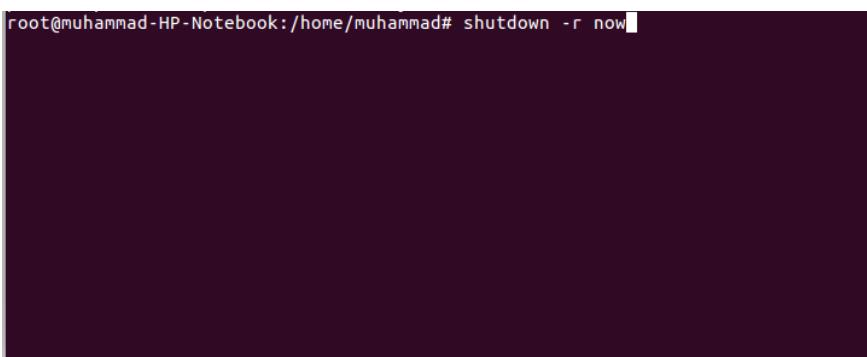
```
root@muhammad-HP-Notebook: /home/muhammad
muhammad@muhammad-HP-Notebook:~$ sudo su
[sudo] password for muhammad:
root@muhammad-HP-Notebook:/home/muhammad#
```

2. Perintah mengubah password user fikri:



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

3. Perintah me-restart Linux:



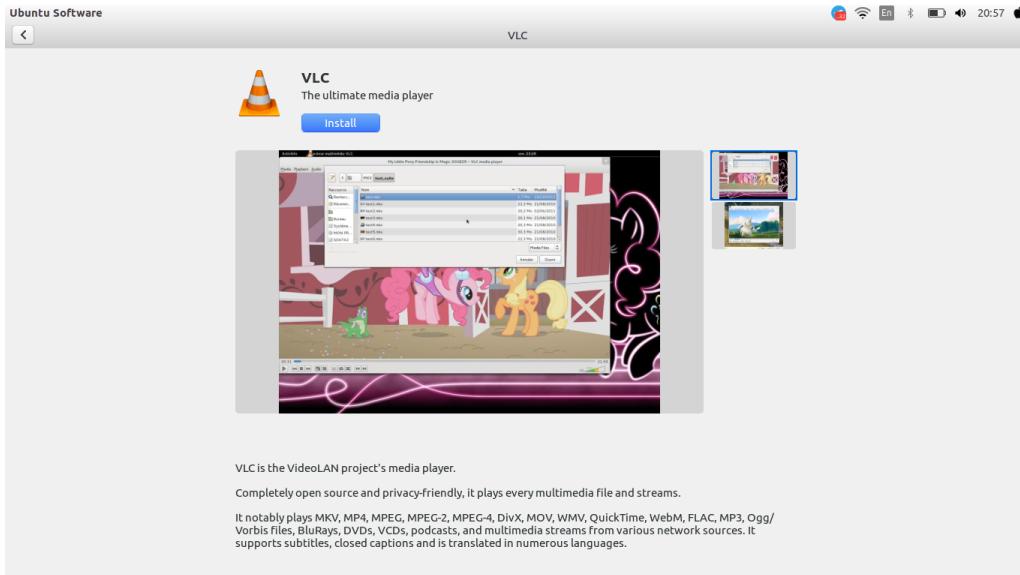
```
root@muhammad-HP-Notebook: /home/muhammad# shutdown -r now
```

#### 4. Perintah mematikan Linux:

```
[root@muhammad-HP-Notebook:/home/muhammad# reboot ]
```

## Modul 2

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



## Modul 4

1. Perintah melihat isi direktori /etc:

```
root@muhammad-HP-Notebook: /home/muhammad
muhammad@muhammad-HP-Notebook:~$ sudo su
[sudo] password for muhammad:
Sorry, try again.
[sudo] password for muhammad:
root@muhammad-HP-Notebook:/home/muhammad# ls -l /etc/
total 1152
drwxr-xr-x  3 root  root   4096 Jul 30 20:40 acpi
-rw-r--r--  1 root  root   3028 Jul 30 20:31 adduser.conf
drwxr-xr-x  2 root  root   4096 Oct  5 17:52 alternatives
-rw-r--r--  1 root  root    401 Dec 28  2014 anacrontab
-rw-r--r--  1 root  root   112 Jan 10  2014 apg.conf
drwxr-xr-x  6 root  root   4096 Jul 30 20:35 apt
drwxr-xr-x  3 root  root   4096 Jul 30 20:40 apparmor
drwxr-xr-x  8 root  root   4096 Jul 30 20:42 apparmor.d
drwxr-xr-x  5 root  root   4096 Jul 30 20:40 apport
-rw-r--r--  1 root  root   389 Apr 18  2016 appstream.conf
drwxr-xr-x  6 root  root   4096 Oct  5 17:54 apt
drwxr-xr-x  3 root  root   4096 Jul 30 20:38 aptdaemon
drwxr-xr-x  2 root  root   4096 Jul 30 20:41 at-spi2
drwxr-xr-x  3 root  root   4096 Jul 30 20:41 avahi
-rw-r--r--  1 root  root  2188 Aug 31  2015 bash.bashrc
-rw-r--r--  1 root  root    45 Aug 12  2015 bash_completion
drwxr-xr-x  2 root  root   4096 Oct  5 17:52 bash_completion.d
-rw-r--r--  1 root  root   367 Jan 27  2016 bindresvport.blacklist
```

The terminal window shows a user named "muhammad" logging in as root. The user runs "sudo su" to become root. Then, they run the command "ls -l /etc/" to list the contents of the "/etc" directory. The output shows a large number of files and directories with their permissions, modification times, and sizes.

2. Perintah membuat file bernama latihan:

```
root@muhammad-HP-Notebook:/home/muhammad
muhammad@muhammad-HP-Notebook:~$ sudo su
[sudo] password for muhammad:
Sorry, try again.
[sudo] password for muhammad:
root@muhammad-HP-Notebook:/home/muhammad# ls -l /etc/
total 1152
drwxr-xr-x  3 root root  4096 Jul 30 20:40 acpi
-rw-r--r--  1 root root  3028 Jul 30 20:31 adduser.conf
drwxr-xr-x  2 root root  4096 Oct  5 17:52 alternatives
-rw-r--r--  1 root root  401 Dec 28 2014 anacrontab
-rw-r--r--  1 root root  112 Jan 10 2014 apg.conf
drwxr-xr-x  6 root root  4096 Jul 30 20:35 apt
drwxr-xr-x  3 root root  4096 Jul 30 20:40 apparmor
drwxr-xr-x  8 root root  4096 Jul 30 20:42 apparmor.d
drwxr-xr-x  5 root root  4096 Jul 30 20:40 aptport
-rw-r--r--  1 root root  389 Apr 18 2016 appstream.conf
drwxr-xr-x  6 root root  4096 Oct  5 17:54 apt
drwxr-xr-x  3 root root  4096 Jul 30 20:38 aptdaemon
drwxr-xr-x  2 root root  4096 Jul 30 20:41 at-spi2
drwxr-xr-x  3 root root  4096 Jul 30 20:41 avahi
drwxr-xr-x  1 root root 2188 Aug 31 2015 bash.bashrc
drwxr-xr-x  1 root root  45 Aug 12 2015 bash_completion
drwxr-xr-x  2 root root  4096 Oct  5 17:52 bash_completion.d
drwxr-xr-x  1 root root  367 Jan 27 2016 bindresvport.blacklist
```

3. Perintah mengubah nama file latihan menjadi ngoding:

```
root@muhammad-HP-Notebook:/home/muhammad
drwxr-xr-x  2 root root  4096 Jul 30 20:41 wpa_supplicant
drwxr-xr-x 11 root root  4096 Jul 30 20:41 X11
drwxr-xr-x  5 root root  4096 Jul 30 20:42 xdg
drwxr-xr-x  2 root root  4096 Jul 30 20:40 xml
-rw-r--r--  1 root root  477 Jul 19 2015 zsh_command_not_found
root@muhammad-HP-Notebook:/home/muhammad# touch latihan
root@muhammad-HP-Notebook:/home/muhammad# mv latihan koding
root@muhammad-HP-Notebook:/home/muhammad# ls -l
total 52
drwxrwxr-x  2 muhammad muhammad 4096 Oct 27 03:57 1
drwxr-xr-x  3 muhammad muhammad 4096 Oct 27 03:57 Desktop
drwxr-xr-x  2 muhammad muhammad 4096 Jan  6 23:31 Documents
drwxr-xr-x  2 muhammad muhammad 4096 Dec  4 09:39 Downloads
-rw-r--r--  1 muhammad muhammad 8980 Oct  5 17:45 examples.desktop
-rw-r--r--  1 root     root    2812 Dec 25 2015 gnome_1%3a3.14+3ubuntu1_amd64.deb
drwxr--r--  1 root     root    0 Jan   6 23:55 koding
drwxr-xr-x  2 muhammad muhammad 4096 Oct  5 13:56 Music
drwxr-xr-x  2 muhammad muhammad 4096 Jan  6 23:56 Pictures
drwxr-xr-x  2 muhammad muhammad 4096 Oct  5 13:56 Public
drwxr-xr-x  2 muhammad muhammad 4096 Oct  5 13:56 Templates
-rw-rw-r--  1 muhammad muhammad  0 Oct 27 03:59 tuh
drwxr-xr-x  2 muhammad muhammad 4096 Oct  5 13:56 Videos
root@muhammad-HP-Notebook:/home/muhammad#
```

## Modul 5

1. Membuat direktori bernama belajar:

```
root@muhammad-HP-Notebook:/home/muhammad
drwxr-xr-x 11 root root  4096 Jul 30 20:41 X11
drwxr-xr-x  5 root root  4096 Jul 30 20:42 xdg
drwxr-xr-x  2 root root  4096 Jul 30 20:40 xml
-rw-r--r--  1 root root  477 Jul 19 2015 zsh_command_not_found
root@muhammad-HP-Notebook:/home/muhammad# touch latihan
root@muhammad-HP-Notebook:/home/muhammad# mv latihan koding
root@muhammad-HP-Notebook:/home/muhammad# ls -l
total 52
drwxrwxr-x  2 muhammad muhammad 4096 Oct 27 03:57 1
drwxr-xr-x  3 muhammad muhammad 4096 Oct 27 03:57 Desktop
drwxr-xr-x  2 muhammad muhammad 4096 Jan  6 23:31 Documents
drwxr-xr-x  2 muhammad muhammad 4096 Dec  4 09:39 Downloads
-rw-r--r--  1 muhammad muhammad 8980 Oct  5 17:45 examples.desktop
-rw-r--r--  1 root     root    2812 Dec 25 2015 gnome_1%3a3.14+3ubuntu1_amd64.deb
drwxr--r--  1 root     root    0 Jan   6 23:55 koding
drwxr-xr-x  2 muhammad muhammad 4096 Oct  5 13:56 Music
drwxr-xr-x  2 muhammad muhammad 4096 Jan  6 23:56 Pictures
drwxr-xr-x  2 muhammad muhammad 4096 Oct  5 13:56 Public
drwxr-xr-x  2 muhammad muhammad 4096 Oct  5 13:56 Templates
-rw-rw-r--  1 muhammad muhammad  0 Oct 27 03:59 tuh
drwxr-xr-x  2 muhammad muhammad 4096 Oct  5 13:56 Videos
root@muhammad-HP-Notebook:/home/muhammad# mkdir belajar
root@muhammad-HP-Notebook:/home/muhammad#
```

2. Perintah menghapus file bernama latihan:

```

root@muhammad-HP-Notebook: /home/muhammad
drwxr-xr-x 2 root root 4096 Jul 30 20:40 xml
-rw-r--r-- 1 root root 477 Jul 19 2015 zsh_command_not_found
root@muhammad-HP-Notebook:/home/muhammad# touch latihan
root@muhammad-HP-Notebook:/home/muhammad# mv latihan koding
root@muhammad-HP-Notebook:/home/muhammad# ls -l
total 52
drwxrwxr-x 2 muhammad muhammad 4096 Oct 27 03:57 1
drwxr-xr-x 3 muhammad muhammad 4096 Oct 27 03:57 Desktop
drwxr-xr-x 2 muhammad muhammad 4096 Jan 6 23:31 Documents
drwxr-xr-x 2 muhammad muhammad 4096 Dec 4 09:39 Downloads
-rw-r--r-- 1 muhammad muhammad 8980 Oct 5 17:45 examples.desktop
-rw-r--r-- 1 root root 2812 Dec 25 2015 gnome_1%3a3.14+3ubuntu1_amd64.deb
drwxrwxr-x 2 muhammad muhammad 4096 Oct 27 03:57 1
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Music
drwxr-xr-x 2 muhammad muhammad 4096 Jan 6 23:56 Pictures
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Public
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Templates
-rw-rw-r-- 1 muhammad muhammad 0 Oct 27 03:59 tuh
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Videos
root@muhammad-HP-Notebook:/home/muhammad# mkdir belajar
root@muhammad-HP-Notebook:/home/muhammad# rm belajar
rm: cannot remove 'belajar': Is a directory
root@muhammad-HP-Notebook:/home/muhammad# ls -l

```

### 3. Perintah pindah ke direktori /var/lib:

```

root@muhammad-HP-Notebook: /var/lib
rm: cannot remove 'belajar': Is a directory
root@muhammad-HP-Notebook:/home/muhammad# ls -l
total 56
drwxrwxr-x 2 muhammad muhammad 4096 Oct 27 03:57 1
drwxr-xr-x 2 root root 4096 Jan 7 00:02 belajar
drwxr-xr-x 3 muhammad muhammad 4096 Oct 27 03:57 Desktop
drwxr-xr-x 2 muhammad muhammad 4096 Jan 6 23:31 Documents
drwxr-xr-x 2 muhammad muhammad 4096 Dec 4 09:39 Downloads
-rw-r--r-- 1 muhammad muhammad 8980 Oct 5 17:45 examples.desktop
-rw-r--r-- 1 root root 2812 Dec 25 2015 gnome_1%3a3.14+3ubuntu1_amd64.deb
drwxrwxr-x 2 muhammad muhammad 4096 Oct 27 03:57 1
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Music
drwxr-xr-x 2 muhammad muhammad 4096 Jan 7 00:02 Pictures
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Public
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Templates
-rw-rw-r-- 1 muhammad muhammad 0 Oct 27 03:59 tuh
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Videos
root@muhammad-HP-Notebook:/home/muhammad# mkdir belajar
mkdir: cannot create directory 'belajar': File exists
root@muhammad-HP-Notebook:/home/muhammad# pwd
/home/muhammad
root@muhammad-HP-Notebook:/home/muhammad# cd /var/lib
root@muhammad-HP-Notebook:/var/lib#

```

### 4. Cek posisi direktori sekarang:

```

root@muhammad-HP-Notebook: /var/lib
total 56
drwxrwxr-x 2 muhammad muhammad 4096 Oct 27 03:57 1
drwxr-xr-x 2 root root 4096 Jan 7 00:02 belajar
drwxr-xr-x 3 muhammad muhammad 4096 Oct 27 03:57 Desktop
drwxr-xr-x 2 muhammad muhammad 4096 Jan 6 23:31 Documents
drwxr-xr-x 2 muhammad muhammad 4096 Dec 4 09:39 Downloads
-rw-r--r-- 1 muhammad muhammad 8980 Oct 5 17:45 examples.desktop
-rw-r--r-- 1 root root 2812 Dec 25 2015 gnome_1%3a3.14+3ubuntu1_amd64.deb
drwxrwxr-x 2 muhammad muhammad 4096 Oct 27 03:57 1
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Music
drwxr-xr-x 2 muhammad muhammad 4096 Jan 7 00:02 Pictures
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Public
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Templates
-rw-rw-r-- 1 muhammad muhammad 0 Oct 27 03:59 tuh
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Videos
root@muhammad-HP-Notebook:/home/muhammad# mkdir belajar
mkdir: cannot create directory 'belajar': File exists
root@muhammad-HP-Notebook:/home/muhammad# pwd
/home/muhammad
root@muhammad-HP-Notebook:/home/muhammad# cd /var/lib
root@muhammad-HP-Notebook:/var/lib# pwd
/var/lib
root@muhammad-HP-Notebook:/var/lib#

```

## Modul 6

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

```
root@muhammad-HP-Notebook:/home/muhammad# chmod 644 latihan
root@muhammad-HP-Notebook:/home/muhammad# ls -l latihan
-rw-r--r-- 1 root root 0 Jan 7 00:20 latihan
root@muhammad-HP-Notebook:/home/muhammad#
```

2. Mengubah pemilik file latihan menjadi rifki

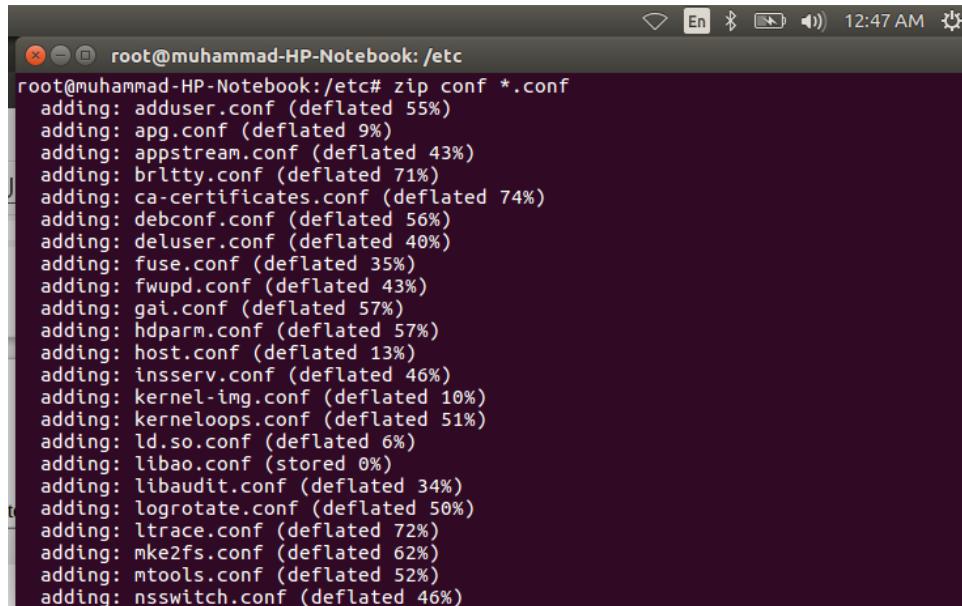
```
root@muhammad-HP-Notebook:~# exit
exit
muhammad@muhammad-HP-Notebook:~$ sudo useradd -m fikri
useradd: user 'fikri' already exists
muhammad@muhammad-HP-Notebook:~$ ls -l /home/
total 4
drwxr-xr-x 20 muhammad muhammad 4096 Jan 7 00:20 muhammad
muhammad@muhammad-HP-Notebook:~$ sudo useradd -m rifki
muhammad@muhammad-HP-Notebook:~$ sudo su
root@muhammad-HP-Notebook:/home/muhammad# chgrp rifki latihan
root@muhammad-HP-Notebook:/home/muhammad# chown rifki latihan
root@muhammad-HP-Notebook:/home/muhammad# ls -l
total 56
drwxrwxr-x 2 muhammad muhammad 4096 Oct 27 03:57 1
drwxr-xr-x 2 root root 4096 Jan 7 00:02 belajar
drwxr-xr-x 3 muhammad muhammad 4096 Oct 27 03:57 Desktop
drwxr-xr-x 2 muhammad muhammad 4096 Jan 6 23:31 Documents
drwxr-xr-x 2 muhammad muhammad 4096 Dec 4 09:39 Downloads
-rw-r--r-- 1 muhammad muhammad 8980 Oct 5 17:45 examples.desktop
-rw-r--r-- 1 root root 2812 Dec 25 2015 gnome_1%3a3.14+3ubuntu1_amd64.deb
-rw-r--r-- 1 root root 0 Jan 6 23:55 koding
-rw-r--r-- 1 rifki rifki 0 Jan 7 00:20 latihan
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Music
```

## Modul 7

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

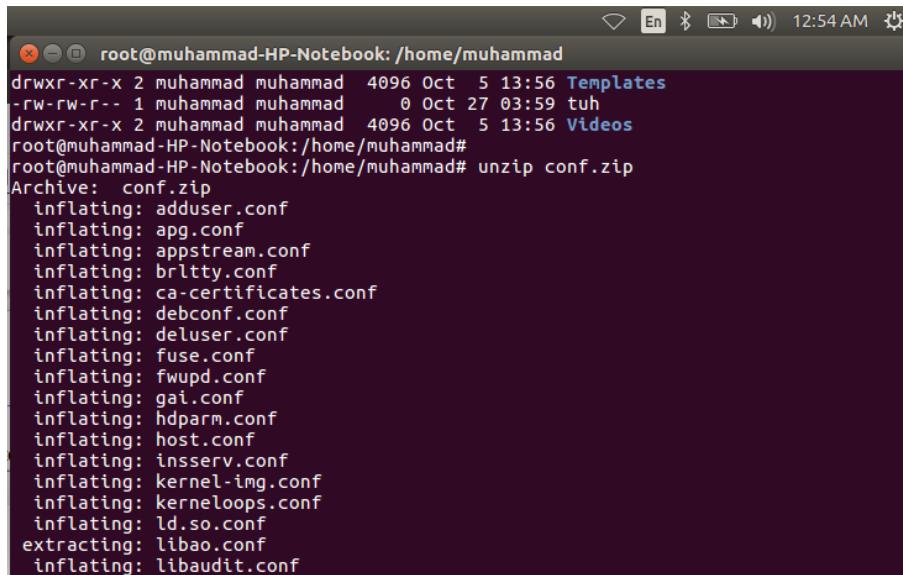
```
root@muhammad-HP-Notebook:/etc#
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Public
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Templates
-rw-rw-r-- 1 muhammad muhammad 0 Oct 27 03:59 tuh
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Videos
root@muhammad-HP-Notebook:/home/muhammad# cd /etc/
root@muhammad-HP-Notebook:/etc# tar -czvf config.tar.gz *.conf
adduser.conf
apg.conf
appstream.conf
brltty.conf
ca-certificates.conf
debconf.conf
deluser.conf
fuse.conf
fwupd.conf
gai.conf
hdparm.conf
host.conf
insserv.conf
kernel-img.conf
kerneloops.conf
ld.so.conf
libao.conf
libaudit.conf
```

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



```
root@muhammad-HP-Notebook:/etc
root@muhammad-HP-Notebook:/etc# zip conf *.conf
adding: adduser.conf (deflated 55%)
adding: apg.conf (deflated 9%)
adding: appstream.conf (deflated 43%)
adding: brltty.conf (deflated 71%)
adding: ca-certificates.conf (deflated 74%)
adding: debconf.conf (deflated 56%)
adding: deluser.conf (deflated 40%)
adding: fuse.conf (deflated 35%)
adding: fwupd.conf (deflated 43%)
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: kerneloops.conf (deflated 51%)
adding: ld.so.conf (deflated 6%)
adding: libao.conf (stored 0%)
adding: libaudit.conf (deflated 34%)
adding: logrotate.conf (deflated 50%)
adding: ltrace.conf (deflated 72%)
adding: mke2fs.conf (deflated 62%)
adding: mtools.conf (deflated 52%)
adding: nsswitch.conf (deflated 46%)
```

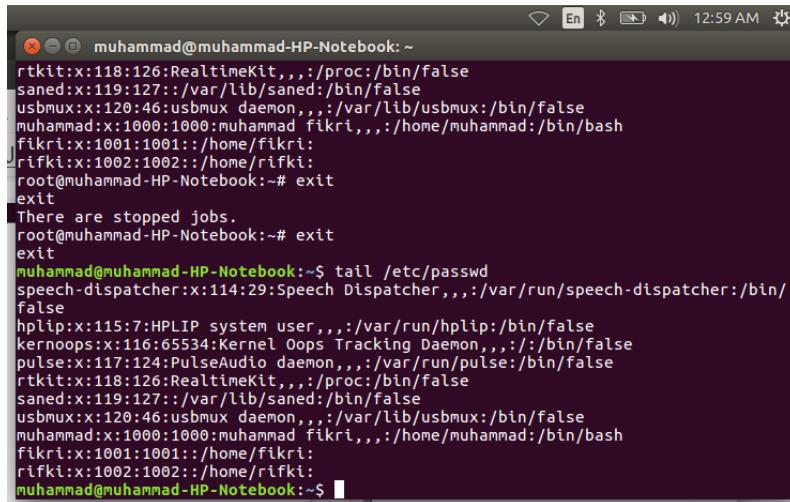
3. Perintah mengekstrak file zip yang sudah dikompresi di atas:



```
root@muhammad-HP-Notebook:/home/muhammad
drwxr-xr-x 2 muhammad muhammad 4096 Oct  5 13:56 Templates
-rw-rw-r-- 1 muhammad muhammad     0 Oct 27 03:59 tuh
drwxr-xr-x 2 muhammad muhammad 4096 Oct  5 13:56 Videos
root@muhammad-HP-Notebook:/home/muhammad#
root@muhammad-HP-Notebook:/home/muhammad# unzip conf.zip
Archive: conf.zip
  inflating: adduser.conf
  inflating: apg.conf
  inflating: appstream.conf
  inflating: brltty.conf
  inflating: ca-certificates.conf
  inflating: debconf.conf
  inflating: deluser.conf
  inflating: fuse.conf
  inflating: fwupd.conf
  inflating: gai.conf
  inflating: hdparm.conf
  inflating: host.conf
  inflating: insserv.conf
  inflating: kernel-img.conf
  inflating: kerneloops.conf
  inflating: ld.so.conf
  extracting: libao.conf
  inflating: libaudit.conf
```

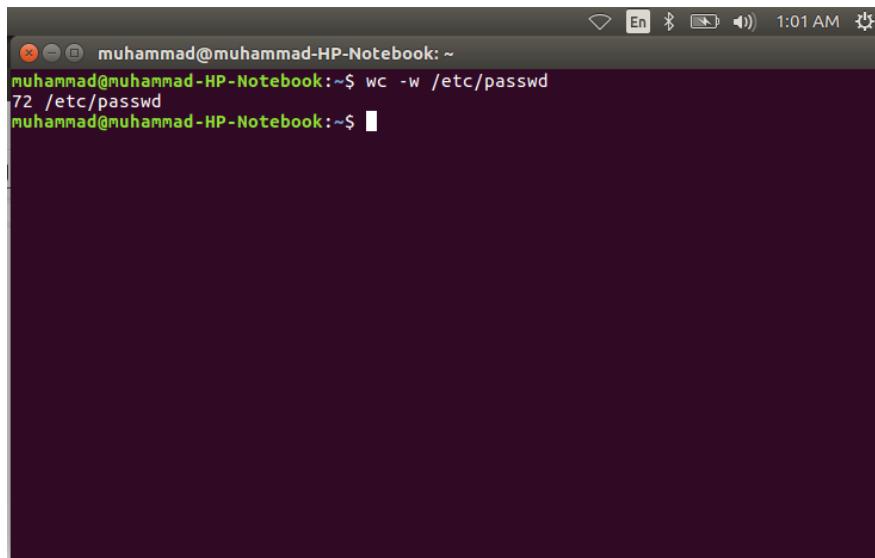
## Modul 8

### 1. Menampilkan bagian akhir file /etc/passwd:



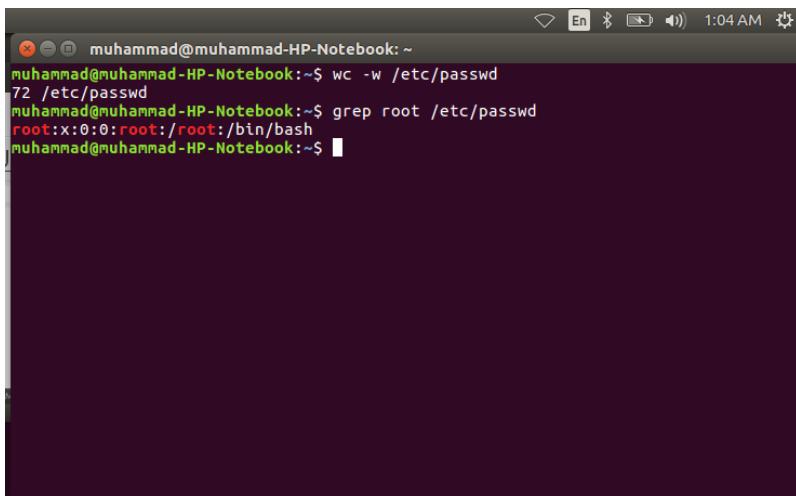
```
muhammad@muhammad-HP-Notebook:~  
rtkit:x:118:126:Realtimekit,,,:/proc:/bin/false  
saned:x:119:127:/:/var/lib/saned:/bin/false  
usbmux:x:120:46:usbmux daemon,,,:/var/lib/usbmux:/bin/false  
muhammad:x:1000:1000:muhammad,fikri,,,:/home/muhammad:/bin/bash  
fikri:x:1001:1001:/:/home/fikri:  
rifki:x:1002:1002:/:/home/rifki:  
root@muhammad-HP-Notebook:~# exit  
exit  
There are stopped jobs.  
root@muhammad-HP-Notebook:~# exit  
exit  
muhammad@muhammad-HP-Notebook:~$ tail /etc/passwd  
speech-dispatcher:x:114:29:Speech Dispatcher,,,:/var/run/speech-dispatcher:/bin/  
false  
hplip:x:115:7:HPLIP system user,,,:/var/run/hplip:/bin/false  
kernoops:x:116:65534:Kernel Oops Tracking Daemon,,,:/:/bin/false  
pulse:x:117:124:PulseAudio daemon,,,:/var/run/pulse:/bin/false  
rtkit:x:118:126:Realtimekit,,,:/proc:/bin/false  
saned:x:119:127:/:/var/lib/saned:/bin/false  
usbmux:x:120:46:usbmux daemon,,,:/var/lib/usbmux:/bin/false  
muhammad:x:1000:1000:muhammad,fikri,,,:/home/muhammad:/bin/bash  
fikri:x:1001:1001:/:/home/fikri:  
rifki:x:1002:1002:/:/home/rifki:  
muhammad@muhammad-HP-Notebook:~$
```

### 2. Perintah menghitung kata file /etc/passwd:



```
muhammad@muhammad-HP-Notebook:~  
muhammad@muhammad-HP-Notebook:~$ wc -w /etc/passwd  
72 /etc/passwd  
muhammad@muhammad-HP-Notebook:~$
```

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



```
muhammad@muhammad-HP-Notebook:~  
muhammad@muhammad-HP-Notebook:~$ wc -w /etc/passwd  
72 /etc/passwd  
muhammad@muhammad-HP-Notebook:~$ grep root /etc/passwd  
root:x:0:0:root:/root:/bin/bash  
muhammad@muhammad-HP-Notebook:~$
```

## Modul 9

1. Tampilkan halaman manual dari perintah cp:

```
CP(1)                               User Commands                               CP(1)

NAME
    cp - copy files and directories

SYNOPSIS
    cp [OPTION]... [-T] SOURCE DEST
    cp [OPTION]... SOURCE... DIRECTORY
    cp [OPTION]... -t DIRECTORY SOURCE...

DESCRIPTION
    Copy SOURCE to DEST, or multiple SOURCE(s) to DIRECTORY.

    Mandatory arguments to long options are mandatory for short options
    too.

    -a, --archive
        same as -dR --preserve=all

    --attributes-only
        don't copy the file data, just the attributes

    --backup[=CONTROL]
    Manual page cp(1) line 1 (press h for help or q to quit)
```

2. Tampilkan halaman info dari perintah date:

```
DATE(1)                             User Commands                            DATE(1)

NAME
    date - print or set the system date and time

SYNOPSIS
    date [OPTION]... [+FORMAT]
    date [-u|--utc|--universal] [MMDDhhmm[[CC]YY][.ss]]

DESCRIPTION
    Display the current time in the given FORMAT, or set the system date.

    Mandatory arguments to long options are mandatory for short options
    too.

    -d, --date=STRING
        display time described by STRING, not 'now'

    -f, --file=DATEFILE
        like --date; once for each line of DATEFILE

    -I[FMT], --iso-8601[=FMT]
        output date/time in ISO 8601 format. FMT='date' for date only
    Manual page date(1) line 1 (press h for help or q to quit)
```

## Modul 10

Terdapat sebuah sistem Linux dengan ip dan username sebagai berikut:

- ip address :192.168.43.7
- username =dianbugas

1) jalankan Perintah meremote komputer dian:

A screenshot of a Linux terminal window titled "dian@bugas: ~". The window shows the following text:  
Permission denied, please try again.  
bugas@192.168.43.7's password:  
[3]+ Stopped ssh bugas@192.168.43.7  
muhammad@muhammad-HP-Notebook:~\$ ssh dian@192.168.43.7  
dian@192.168.43.7's password:  
Welcome to Ubuntu 16.04.5 LTS (GNU/Linux 4.15.0-43-generic x86\_64)  
\* Documentation: https://help.ubuntu.com  
\* Management: https://landscape.canonical.com  
\* Support: https://ubuntu.com/advantage  
30 packages can be updated.  
1 update is a security update.  
  
The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/\*copyright.  
  
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.  
dian@bugas:~\$

2) jalankan Perintah mengcopy file latihan ke komputer dian:

A screenshot of a Linux terminal window titled "root@muhammad-HP-Notebook: /home/muhammad". The window shows the following text:  
-rw-r--r-- 1 root root 10368 Oct 2 2015 sensors3.conf  
-rw-r--r-- 1 root root 1803 Nov 6 2015 signond.conf  
-rw-r--r-- 1 root root 2084 Sep 6 2015 sysctl.conf  
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Templates  
-rw-rw-r-- 1 muhammad muhammad 0 Oct 27 03:59 tuh  
-rw-r--r-- 1 root root 1260 Mar 16 2016 ucf.conf  
-rw-r--r-- 1 root root 338 Nov 18 2014 updatedb.conf  
-rw-r--r-- 1 root root 1018 Oct 5 2015 usb\_modeswitch.conf  
drwxr-xr-x 2 muhammad muhammad 4096 Oct 5 13:56 Videos  
muhammad@muhammad-HP-Notebook:~\$ sudo su  
root@muhammad-HP-Notebook:/home/muhammad# scp llatihan dian@192.168.43.7  
root@muhammad-HP-Notebook:/home/muhammad# scp llatihan dian@192.168.43.7 :  
:: No such file or directory  
root@muhammad-HP-Notebook:/home/muhammad# scp llatihan dian@192.168.43.7:  
The authenticity of host '192.168.43.7 (192.168.43.7)' can't be established.  
ECDSA key fingerprint is SHA256:tYtgKeR7maAerQebaIqQ88ojnTZPooKpM25llPKXtc0.  
Are you sure you want to continue connecting (yes/no)? yes  
Warning: Permanently added '192.168.43.7' (ECDSA) to the list of known hosts.  
dian@192.168.43.7's password:  
Permission denied, please try again.  
dian@192.168.43.7's password:  
llatihan 100% 0 0.0KB/s 00:00  
root@muhammad-HP-Notebook:/home/muhammad#