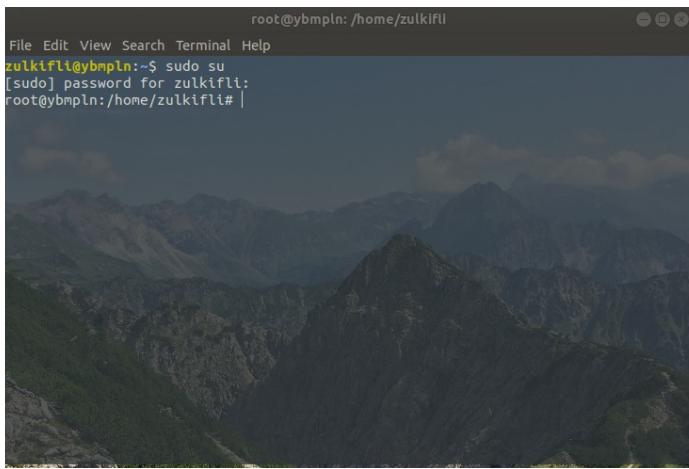


Modul 1

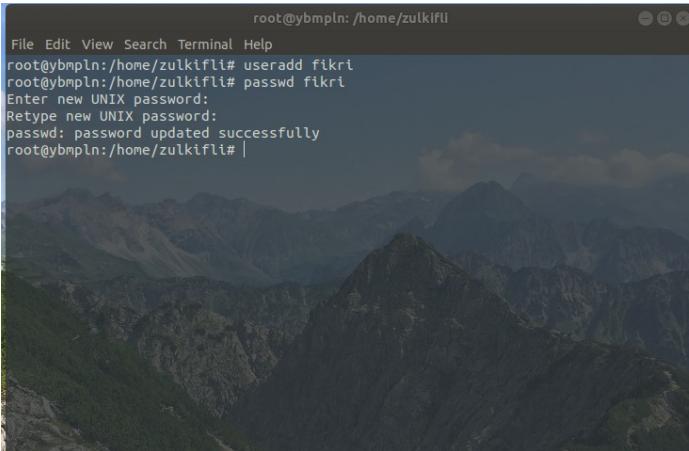
1.Perintah berubah dari user biasa menjadi user root:

```
root@ybmpLn: /home/zulkifli
File Edit View Search Terminal Help
zulkifli@ybmpLn:~$ sudo su
[sudo] password for zulkifli:
root@ybmpLn:/home/zulkifli# |
```

A screenshot of a terminal window titled "root@ybmpLn: /home/zulkifli". It shows the command "sudo su" being run, followed by a password prompt for "zulkifli". The terminal then switches to root mode, indicated by the "#". The background of the terminal window is a scenic image of mountains.

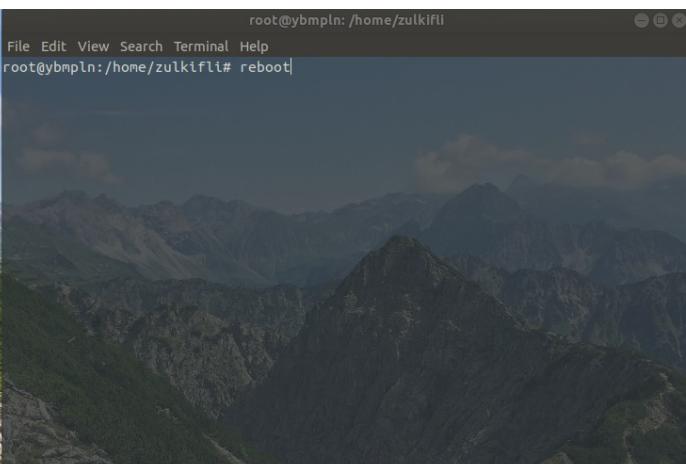
2.Perintah mengubah password user fikri:

```
root@ybmpLn: /home/zulkifli
File Edit View Search Terminal Help
root@ybmpLn:/home/zulkifli# useradd fikri
root@ybmpLn:/home/zulkifli# passwd fikri
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
root@ybmpLn:/home/zulkifli# |
```

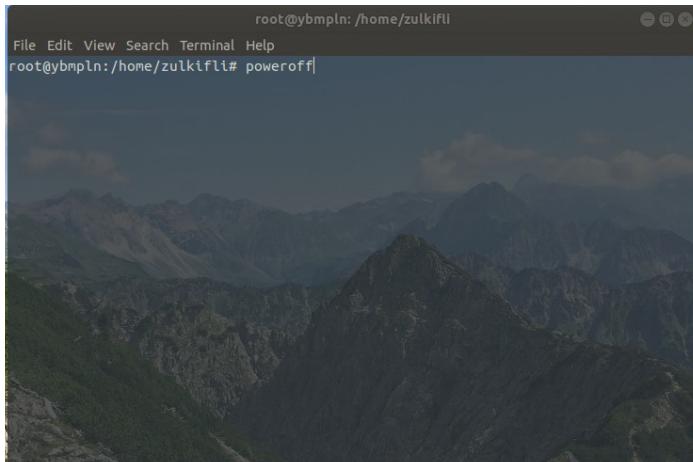
A screenshot of a terminal window titled "root@ybmpLn: /home/zulkifli". It shows the commands "useradd fikri" and "passwd fikri" being run. The terminal then prompts for a new password and re-typing it. Finally, it displays the message "password updated successfully". The background of the terminal window is a scenic image of mountains.

3.Perintah me-restart Linux:

```
root@ybmpLn: /home/zulkifli
File Edit View Search Terminal Help
root@ybmpLn:/home/zulkifli# reboot
```

A screenshot of a terminal window titled "root@ybmpLn: /home/zulkifli". It shows the command "reboot" being run. The background of the terminal window is a scenic image of mountains.

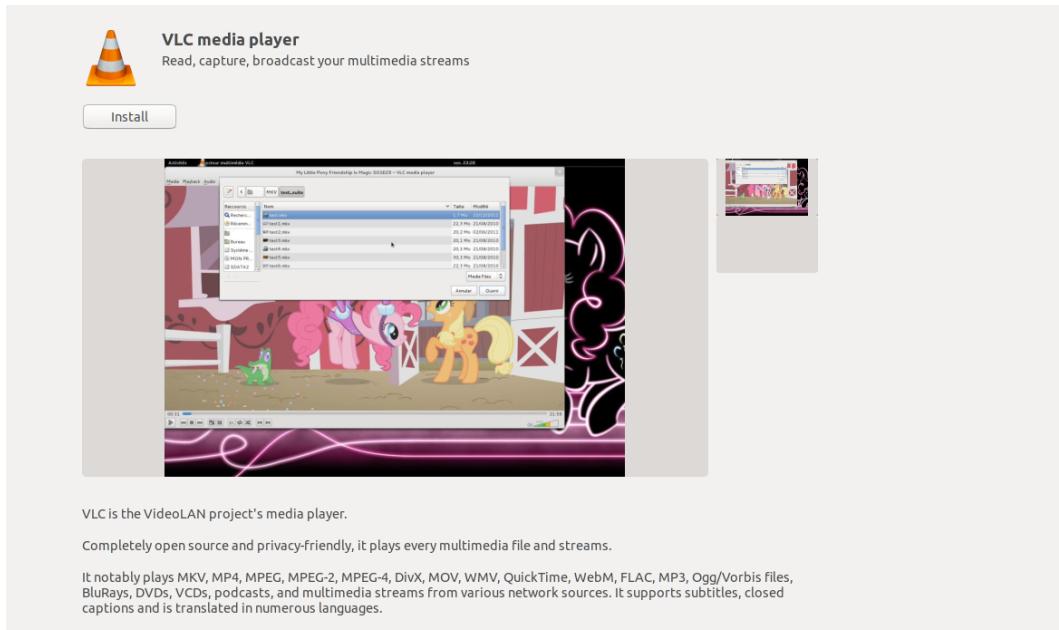
4.Perintah mematikan Linux:



Modul 2

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

- Buka Ubuntu software center
- Ketikkan nama software yang anda cari di pojok kanan atas
- Klik software yang anda cari
- Klik install



Modul 4

1.Perintah melihat isi direktori /etc:

```
File Edit View Search Terminal Help
root@ybmln:/home/zulkifli# ls -l /etc
total 1168
drwxr-xr-x  3 root root    4096 Jul 25 10:08 acpi
-rw-r--r--  1 root root    3028 Jul 25 10:04 adduser.conf
drwxr-xr-x  2 root root    4096 Nov  3 15:57 alternatives
-rw-r--r--  1 root root    401 Mei 29  2017 anacrontab
drwxr-xr-x  3 root root    4096 Okt 13 00:44 apache2
-rw-r--r--  1 root root    433 Okt  2 2017 apg.conf
drwxr-xr-x  6 root root    4096 Jul 25 10:06 apt
drwxr-xr-x  3 root root    4096 Nov  3 15:44 apparmor
drwxr-xr-x  8 root root    4096 Des  4 23:48 apparmor.d
drwxr-xr-x  5 root root    4096 Sep  8 17:30 apport
-rw-r--r--  1 root root    769 Apr  4 2018 appstream.conf
drwxr-xr-x  6 root root    4096 Sep  8 22:07 apt
drwxr-xr-x  3 root root    4096 Jul 25 10:09 avahi
-rw-r--r--  1 root root   2319 Apr  5 2018 bash.bashrc
-rw-r--r--  1 root root    45 Apr  2 2018 bash_completion
drwxr-xr-x  2 root root    4096 Nov  3 15:46 bash_completion.d
-rw-r--r--  1 root root   367 Jan 27 2016 bindresvport.blacklist
drwxr-xr-x  2 root root    4096 Apr 20 2018 binfmt.d
drwxr-xr-x  2 root root    4096 Jul 25 10:08 bluetooth
-rw-r----- 1 root root    33 Jul 25 10:09 brlapl.key
drwxr-xr-x  7 root root    4096 Jul 25 10:08 brltty
-rw-r--r--  1 root root  25341 Apr 17 2018 brltty.conf
```

2.Perintah membuat file bernama latihan:

```
File Edit View Search Terminal Help
root@ybmln:/home/zulkifli# touch latihan
root@ybmln:/home/zulkifli# |
```

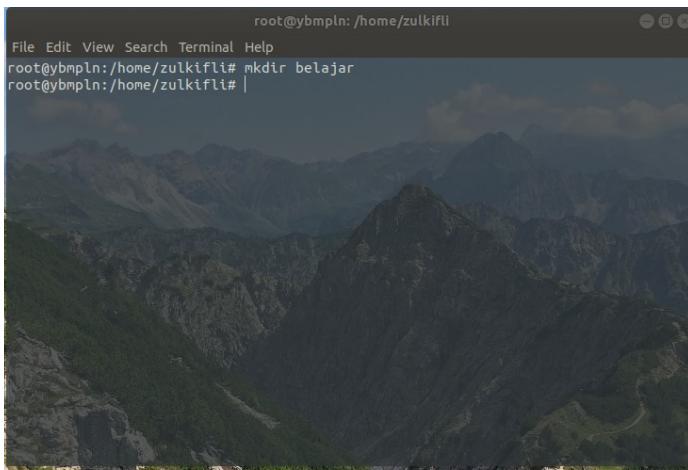
3.Perintah mengubah nama file latihan menjadi ngoding:

```
File Edit View Search Terminal Help
root@ybmln:/home/zulkifli# ls
aircrack-ng-1.1  Downloads      Pictures      snap      Videos
aircrack-ng-1.4  examples.desktop  Public       Templates
Desktop          latihan        Python       tmp
Documents         Music          reaver-1.4  'Uji coba'
root@ybmln:/home/zulkifli# mv latihan ngoding
root@ybmln:/home/zulkifli# ls
aircrack-ng-1.1  Downloads      Pictures      snap      Videos
aircrack-ng-1.4  examples.desktop  Public       Templates
Desktop          ngoding        Python       tmp
Documents         Music          reaver-1.4  'Uji coba'
root@ybmln:/home/zulkifli# |
```

Modul 5

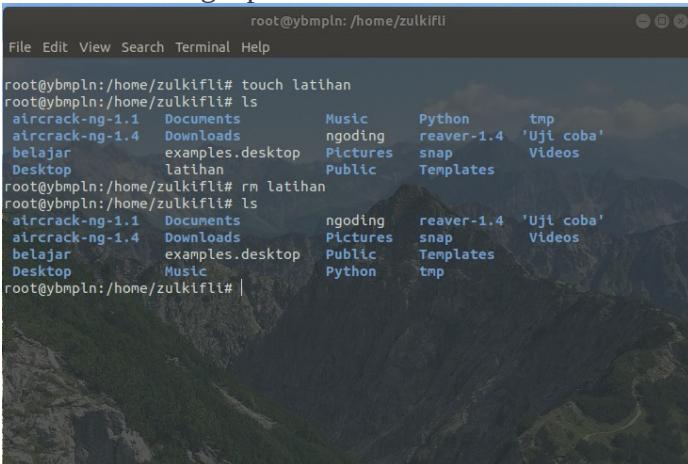
1. Membuat direktori bernama belajar:

```
root@ybmpLn: /home/zulkifli
File Edit View Search Terminal Help
root@ybmpLn:/home/zulkifli# mkdir belajar
root@ybmpLn:/home/zulkifli# |
```



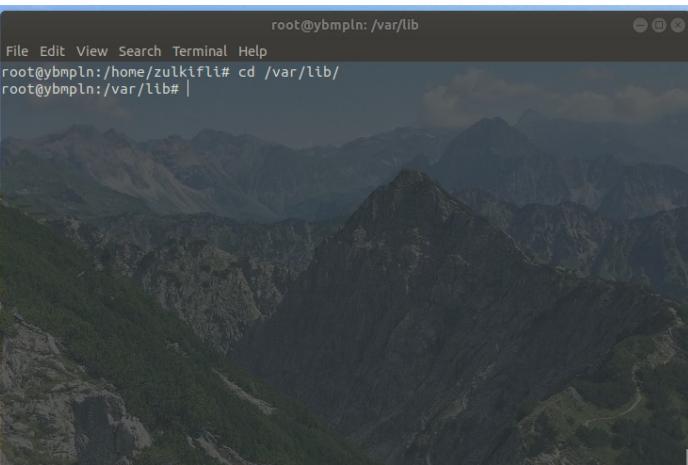
2. Perintah menghapus file bernama latihan:

```
root@ybmpLn: /home/zulkifli
File Edit View Search Terminal Help
root@ybmpLn:/home/zulkifli# touch latihan
root@ybmpLn:/home/zulkifli# ls
aircrack-ng-1.1  Documents      Music      Python      tmp
aircrack-ng-1.4  Downloads      ngoding    reaver-1.4  'Uji coba'
belajar          examples.desktop Pictures   snap       Videos
Desktop          latihan       Public     Templates
root@ybmpLn:/home/zulkifli# rm latihan
root@ybmpLn:/home/zulkifli# ls
aircrack-ng-1.1  Documents      ngoding    reaver-1.4  'Uji coba'
aircrack-ng-1.4  Downloads      Pictures   snap       Videos
belajar          examples.desktop Public    Templates
Desktop          Music         Python    tmp
root@ybmpLn:/home/zulkifli# |
```

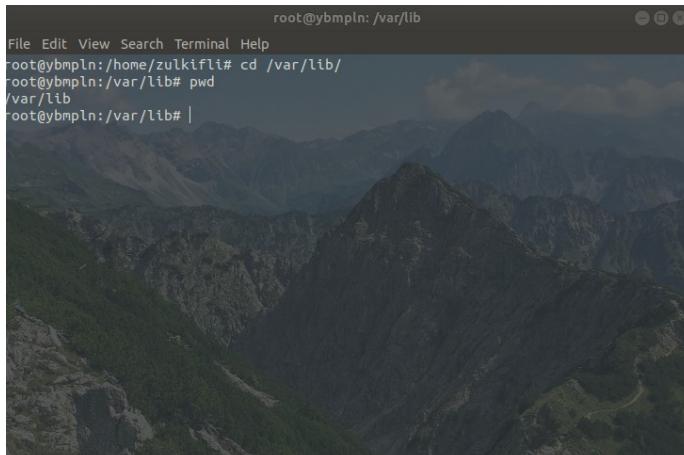


3. Perintah pindah ke direktori /var/lib:

```
root@ybmpLn: /var/lib
File Edit View Search Terminal Help
root@ybmpLn:/home/zulkifli# cd /var/lib/
root@ybmpLn:/var/lib# |
```



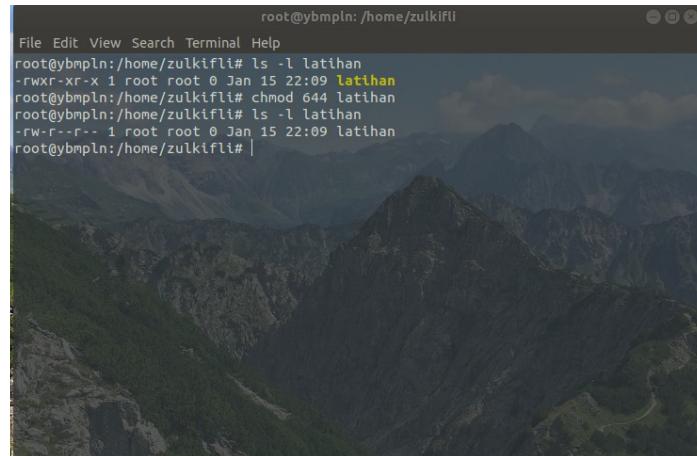
4.Cek posisi direktori sekarang:



```
root@ybmpin:/var/lib
File Edit View Search Terminal Help
root@ybmpin:/home/zulkifli# cd /var/lib/
root@ybmpin:/var/lib# pwd
/var/lib
root@ybmpin:/var/lib# |
```

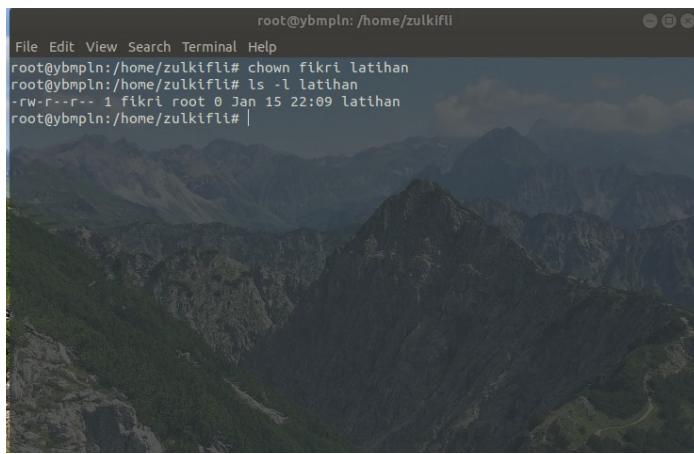
Modul 6

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



```
root@ybmpin:/home/zulkifli
File Edit View Search Terminal Help
root@ybmpin:/home/zulkifli# ls -l latihan
-rwxr-xr-x 1 root root 0 Jan 15 22:09 latihan
root@ybmpin:/home/zulkifli# chmod 644 latihan
root@ybmpin:/home/zulkifli# ls -l latihan
-rw-r--r-- 1 root root 0 Jan 15 22:09 latihan
root@ybmpin:/home/zulkifli# |
```

2.Mengubah pemilik file latihan menjadi rifki.



```
root@ybmpin:/home/zulkifli
File Edit View Search Terminal Help
root@ybmpin:/home/zulkifli# chown fikri latihan
root@ybmpin:/home/zulkifli# ls -l latihan
-rw-r--r-- 1 fikri root 0 Jan 15 22:09 latihan
root@ybmpin:/home/zulkifli# |
```

Modul 7

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

```
root@ybmp1n:/etc# tar -czvf config.tar.gz *.conf
adduser.conf
apg.conf
appstream.conf
brltty.conf
ca-certificates.conf
debconf.conf
deluser.conf
fuse.conf
gai.conf
hdparm.conf
host.conf
kernel-img.conf
kerneloops.conf
ld.so.conf
libao.conf
libaudit.conf
logrotate.conf
ltrace.conf
mke2fs.conf
mtools.conf
nsswitch.conf
pam.conf
pm2ppa.conf
```

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

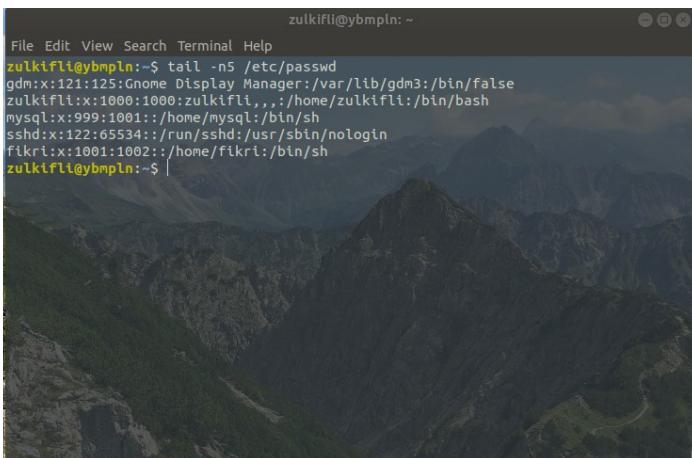
```
root@ybmp1n:/etc# zip conf *.conf
adding: adduser.conf (deflated 55%)
adding: apg.conf (deflated 55%)
adding: appstream.conf (deflated 47%)
adding: brltty.conf (deflated 71%)
adding: ca-certificates.conf (deflated 74%)
adding: debconf.conf (deflated 56%)
adding: deluser.conf (deflated 40%)
adding: fuse.conf (deflated 35%)
adding: gai.conf (deflated 57%)
adding: hdparm.conf (deflated 57%)
adding: host.conf (deflated 13%)
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 58%)
adding: mtools.conf (deflated 52%)
adding: nsswitch.conf (deflated 47%)
adding: pam.conf (deflated 62%)
adding: pm2ppa.conf (deflated 50%)
```

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

```
root@ybmp1n:/etc# unzip conf.zip
Archive: conf.zip
replace adduser.conf? [y]es, [n]o, [A]ll, [N]one, [r]ename: A
  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: gai.conf
  inflating: hdparm.conf
  inflating: host.conf
  inflating: kernel-img.conf
  inflating: kerneloops.conf
  inflating: ld.so.conf
extracting: libao.conf
  inflating: libaudit.conf
  inflating: logrotate.conf
  inflating: ltrace.conf
  inflating: mke2fs.conf
  inflating: mtools.conf
  inflating: nsswitch.conf
```

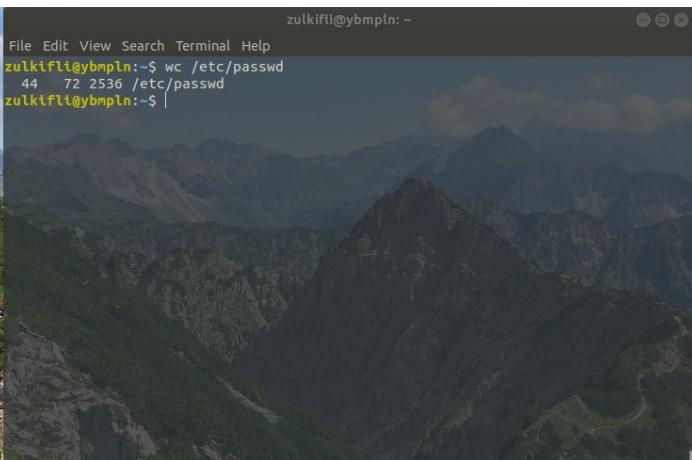
Modul 8

1. Menampilkan bagian akhir file /etc/passwd:



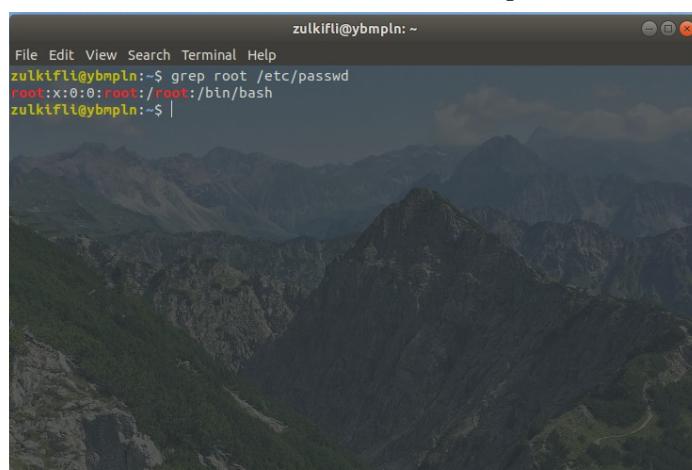
```
File Edit View Search Terminal Help
zulkifli@ybmpLn:~$ tail -n5 /etc/passwd
gdm:x:121:125:Gnome Display Manager:/var/lib/gdm3:/bin/false
zulkifli:x:1000:1000:zulkifli,,,:/home/zulkifli:/bin/bash
mysql:x:999:1001::/home/mysql:/bin/sh
sshd:x:122:65534::/run/sshd:/usr/sbin/nologin
fikri:x:1001:1002::/home/fikri:/bin/sh
zulkifli@ybmpLn:~$ |
```

2. Perintah menghitung kata file /etc/passwd:



```
File Edit View Search Terminal Help
zulkifli@ybmpLn:~$ wc /etc/passwd
44 72 2536 /etc/passwd
zulkifli@ybmpLn:~$ |
```

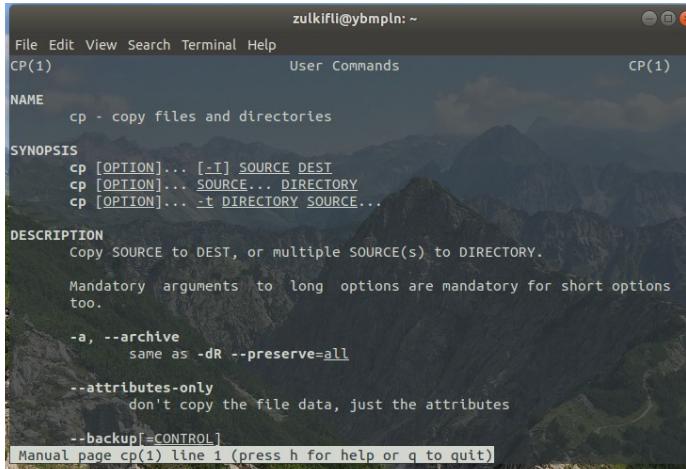
3. Perintah mencari kata root di file /etc/passwd:



```
File Edit View Search Terminal Help
zulkifli@ybmpLn:~$ grep root /etc/passwd
root:x:0:0:root:/root:/bin/bash
zulkifli@ybmpLn:~$ |
```

Modul 9

1.Tampilkan halaman manual dari perintah cp:



```
zulkifli@ybmln: ~
File Edit View Search Terminal Help
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...

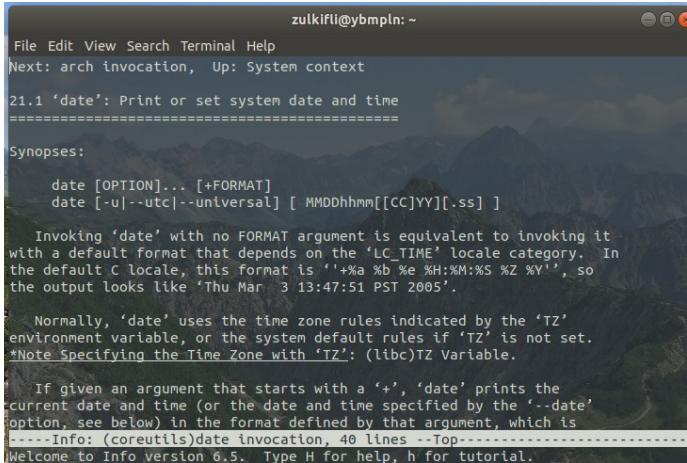
DESCRIPTION
Copy SOURCE to DEST, or multiple SOURCE(s) to DIRECTORY.
Mandatory arguments to long options are mandatory for short options
too.

-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:



```
zulkifli@ybmln: ~
File Edit View Search Terminal Help
Next: arch invocation, Up: System context
21.1 'date': Print or set system date and time
=====
Synopses:
date [OPTION]... [+FORMAT]
date [-u|--utc|--universal] [ MNDDhhmm[[CC]YY][.ss] ]

Invoking 'date' with no FORMAT argument is equivalent to invoking it
with a default format that depends on the 'LC_TIME' locale category. In
the default C locale, this format is '+%a %b %e %H:%M:%S %Z %Y', so
the output looks like 'Thu Mar  3 13:47:51 PST 2005'.

Normally, 'date' uses the time zone rules indicated by the 'TZ'
environment variable, or the system default rules if 'TZ' is not set.
*Note Specifying the Time Zone with 'TZ': (libc)TZ Variable.

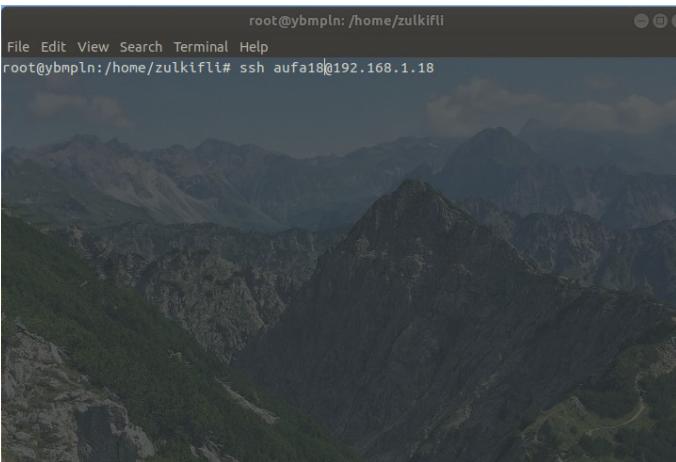
If given an argument that starts with a '+', 'date' prints the
current date and time (or the date and time specified by the '-date'
option, see below) in the format defined by that argument, which is
-----Info: (coreutils)date invocation, 40 lines --Top-----
Welcome to Info version 6.5. Type H for help, h for tutorial.
```

Modul 10

Terdapat sebuah sistem Linux dengan ip dan username sebagai berikut:

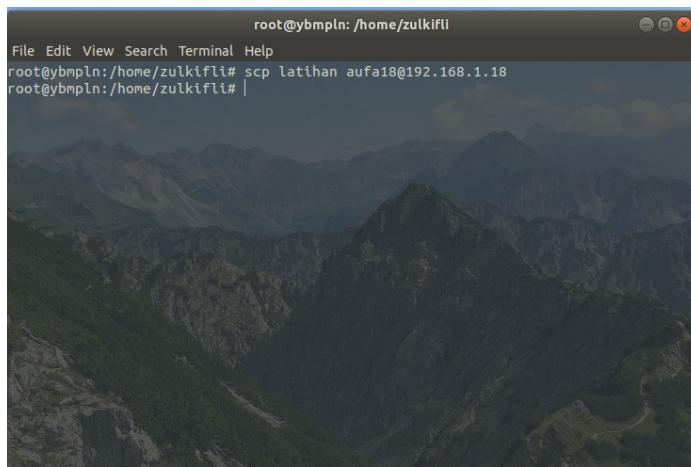
- IP: 192.168.1.18
- username: aufa18

1.Jalankan Perintah meremote komputer aufa:



```
root@ybmln: /home/zulkifli
File Edit View Search Terminal Help
root@ybmln:/home/zulkifli# ssh aufa18@192.168.1.18
```

2.Jalankan Perintah mengcopy file latihan ke komputer aufa:



```
root@ybmpln: /home/zulkifli
File Edit View Search Terminal Help
root@ybmpln:/home/zulkifli# scp latihan aufa18@192.168.1.18
root@ybmpln:/home/zulkifli# |
```