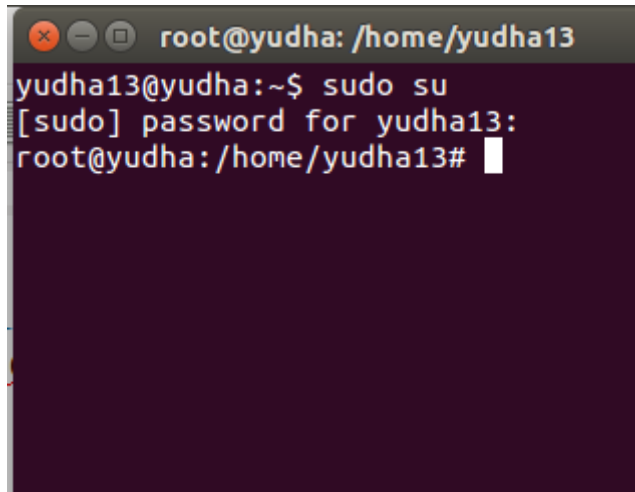


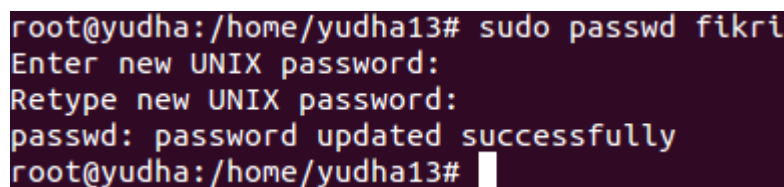
# Modul 1

1. perintah merubah user biasa menjadi user root ;



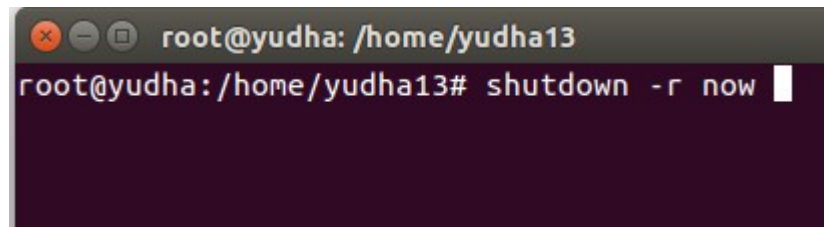
```
root@yudha: /home/yudha13
yudha13@yudha:~$ sudo su
[sudo] password for yudha13:
root@yudha: /home/yudha13#
```

2. Perintah mengubah password user fikri :



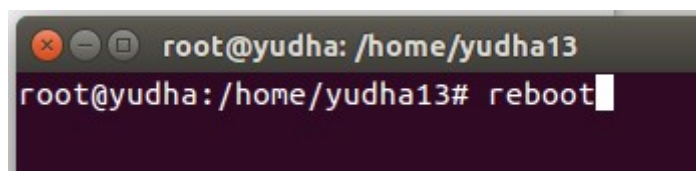
```
root@yudha: /home/yudha13# sudo passwd fikri
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
root@yudha: /home/yudha13#
```

3. Perintah me-restart Linux :



```
root@yudha: /home/yudha13
root@yudha: /home/yudha13# shutdown -r now
```

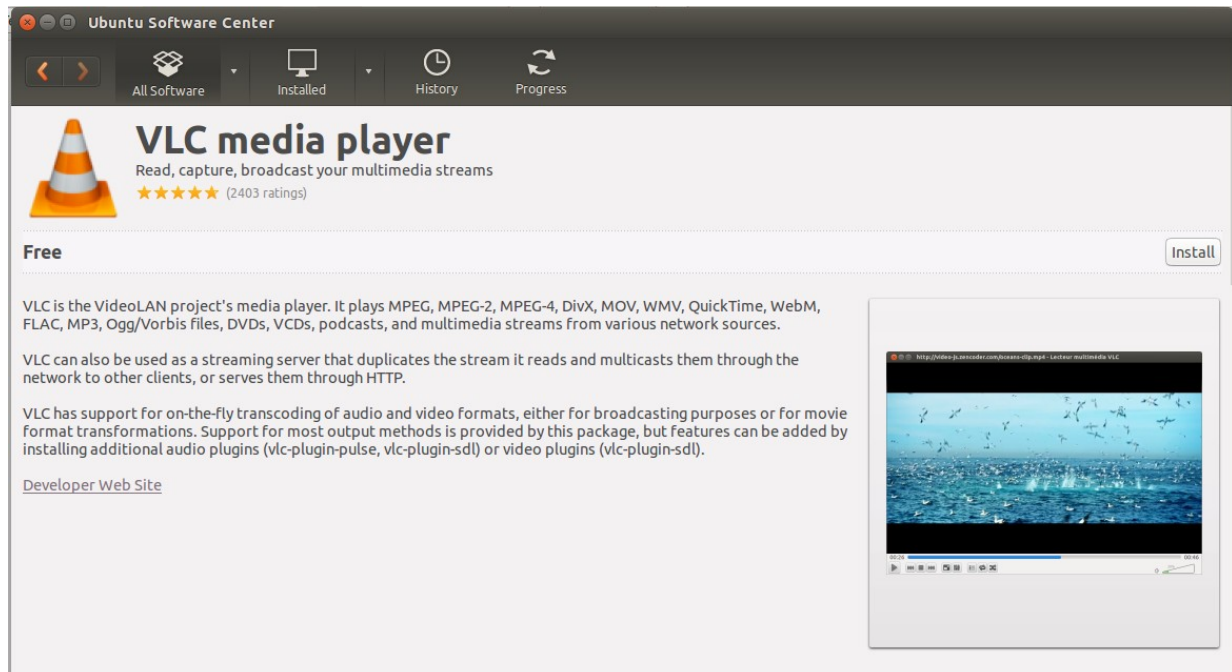
4. Perintah mematikan Linux :



```
root@yudha: /home/yudha13
root@yudha: /home/yudha13# reboot
```

## Modul 2

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



## Modul 4

1. Perintah melihat isi direktori /etc :

```
root@yudha:/home/yudha13#
root@yudha:/home/yudha13# ls -l /etc/
total 1116
drwxr-xr-x  3 root root    4096 Agu  3  2016 acpi
-rw-r--r--  1 root root    2981 Agu  3  2016 adduser.conf
drwxr-xr-x  2 root root    4096 Jan  5 15:06 alternatives
-rw-r--r--  1 root root     401 Feb 20  2014 anacrontab
-rw-r--r--  1 root root     112 Jan 10  2014 apg.conf
drwxr-xr-x  6 root root    4096 Agu  3  2016 apm
drwxr-xr-x  3 root root    4096 Agu  3  2016 apparmor
drwxr-xr-x  8 root root    4096 Agu  3  2016 apparmor.d
drwxr-xr-x  5 root root    4096 Agu  3  2016 appport
drwxr-xr-x  6 root root    4096 Okt  5 15:48 apt
drwxr-xr-x  3 root root    4096 Agu  3  2016 aptdaemon
drwxr-xr-x  2 root root    4096 Agu  3  2016 at-spi2
drwxr-xr-x  3 root root    4096 Agu  3  2016 avahi
-rw-r--r--  1 root root    2177 Apr  9  2014 bash.bashrc
-rw-r--r--  1 root root      45 Mar 23  2014 bash_completion
drwxr-xr-x  2 root root    4096 Jan  7 12:46 bash_completion.
-rw-r--r--  1 root root     356 Jan  2  2012 bindresvport.bla
-rw-r--r--  1 root root     321 Apr 16  2014 blkid.conf
lrwxrwxrwx  1 root root      15 Sep 23 03:57 blkid.tab -> /de
drwxr-xr-x  2 root root    4096 Agu  3  2016 bluetooth
```

2. Perintah membuat file bernama latihan :

```
root@yudha: /home/yudha13
root@yudha:/home/yudha13# touch latihan
root@yudha:/home/yudha13#
```

3. Perintah mengubah nama file latihan menjadi ngoding :

```
root@yudha: /home/yudha13
root@yudha:/home/yudha13# touch latihan
root@yudha:/home/yudha13# mv latihan ngoding
root@yudha:/home/yudha13# ls -l
total 4408
drwxrwxr-x 4 yudha13 yudha13 4096 Jan 7 12:50 Challenges-P
drwxr-xr-x 8 yudha13 yudha13 4096 Okt 26 09:53 Desktop
drwxr-xr-x 2 yudha13 yudha13 4096 Sep 23 04:07 Documents
drwxr-xr-x 3 yudha13 yudha13 4096 Des 5 21:27 Downloads
-rw-r--r-- 1 yudha13 yudha13 8980 Sep 23 03:59 examples.des
-rw-rw-r-- 1 yudha13 yudha13 3113244 Okt 12 08:26 Firefox_wall
drwxr-xr-x 2 yudha13 yudha13 4096 Sep 23 04:07 Music
-rw-rw-r-- 1 yudha13 yudha13 0 Jan 7 13:23 ngoding
drwxr-xr-x 2 yudha13 yudha13 4096 Jan 7 13:23 Pictures
drwxr-xr-x 2 yudha13 yudha13 4096 Sep 23 04:07 Public
-rw-rw-r-- 1 yudha13 yudha13 1339858 Okt 8 11:47 sutadi.odt
drwxr-xr-x 2 yudha13 yudha13 4096 Sep 23 04:07 Templates
drwxr-xr-x 2 yudha13 yudha13 4096 Okt 25 10:47 Videos
drwxrwxr-x 2 yudha13 yudha13 4096 Okt 5 09:01 yudha
root@yudha:/home/yudha13#
```

## Modul 5

1. Membuat direktori bernama belajar :

```
root@yudha: /home/yudha13
root@yudha:/home/yudha13# mkdir belajar
root@yudha:/home/yudha13#
```

2. Perintah menghapus file bernama latihan :

```
root@yudha: /home/yudha13
root@yudha:/home/yudha13# mkdir belajar
root@yudha:/home/yudha13# rm latihan
```

3. Perintah pindah ke direktori /var/lib :

```
root@yudha: /var/lib
root@yudha:/home/yudha13# cd /var/lib
root@yudha:/var/lib#
```

4. Cek posisi direktori sekarang :

```
root@yudha: /var/lib
root@yudha:/home/yudha13# cd /var/lib
root@yudha:/var/lib# pwd
/var/lib
root@yudha:/var/lib#
```

## Modul 6

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

```
root@yudha:~# chmod 644 latihan
root@yudha:~# ls -l
total 4
drwxr-xr-x 2 root root 4096 Sep 28 09:51 Desktop
-rw-r--r-- 1 root root    0 Jan  7 14:19 latihan
root@yudha:~#
```

2. Mengubah pemilik file latihan menjadi yudha

```
root@yudha: ~
root@yudha:~# chgrp yudha latihan
root@yudha:~# chown yudha latihan
root@yudha:~# ls -l
total 4
drwxr-xr-x 2 root root 4096 Sep 28 09:51 Desktop
-rw-r--r-- 1 yudha yudha    0 Jan  7 14:19 latihan
root@yudha:~#
```

## Modul 7

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

```
root@yudha:/etc# tar -czvf config.tar.gz *.conf
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
```

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

```
root@yudha:/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: kerneloops.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%)
adding: mtools.conf (deflated 52%)
```

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

```
root@yudha:/home# unzip conf.zip
Archive:  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
```

## Modul 8

1. Menampilkan bagian akhir file /etc/passwd :

```
yudha13@yudha:~$ tail /etc/passwd
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
yudha13:x:1000:1000:yudha13,,,:/home/yudha13:/bin/bash
sshd:x:116:65534:./var/run/sshd:/usr/sbin/nologin
yudha:x:1001:1001:./home/yudha:
fikri:x:1002:1002:./home/fikri:
```

2. Perintah menghitung kata file /etc/passwd :

```
yudha13@yudha: ~
yudha13@yudha:~$ wc -w /etc/passwd
60 /etc/passwd
yudha13@yudha:~$
```

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

```
yudha13@yudha: ~  
yudha13@yudha:~$ grep root /etc/passwd  
root:x:0:0:root:/root:/bin/bash  
yudha13@yudha:~$
```

## Modul 9

1. Tampilkan halaman manual dari perintah cp :

```
yudha13@yudha: ~  
CP(1) User Commands CP(1)  
  
NAME  
    cp - copy files and directories  
  
SYNOPSIS  
    cp [OPTION]... [-I] 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 manual dari perintah cp: Tampilkan halaman info dari perintah date :

```
yudha13@yudha: ~
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[TIMESPEC], --iso-8601[=TIMESPEC]
        output date/time in ISO 8601 format. TIMESPEC='date' for date

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

## Modul 10

1. Jalankan Perintah meremote komputer dian :

```
yudha13@yudha:~$ sudo su
[sudo] password for yudha13:
root@yudha:/home/yudha13# ssh 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 76:71:a4:4c:1c:7e:93:ac:8f:db:cf:c5:58:06:cb:16.
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:
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.

New release '18.04.1 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Mon Jan  7 13:26:27 2019 from 192.168.43.92
dian@bugas:~$
```



2. Jalankan Perintah mengcopy file latihan ke komputer dian :

```
root@yudha:/home/yudha13# scp latihan dian@192.168.43.7:
dian@192.168.43.7's password:
latihan                                100%    0    0.0KB/s
root@yudha:/home/yudha13#
```