

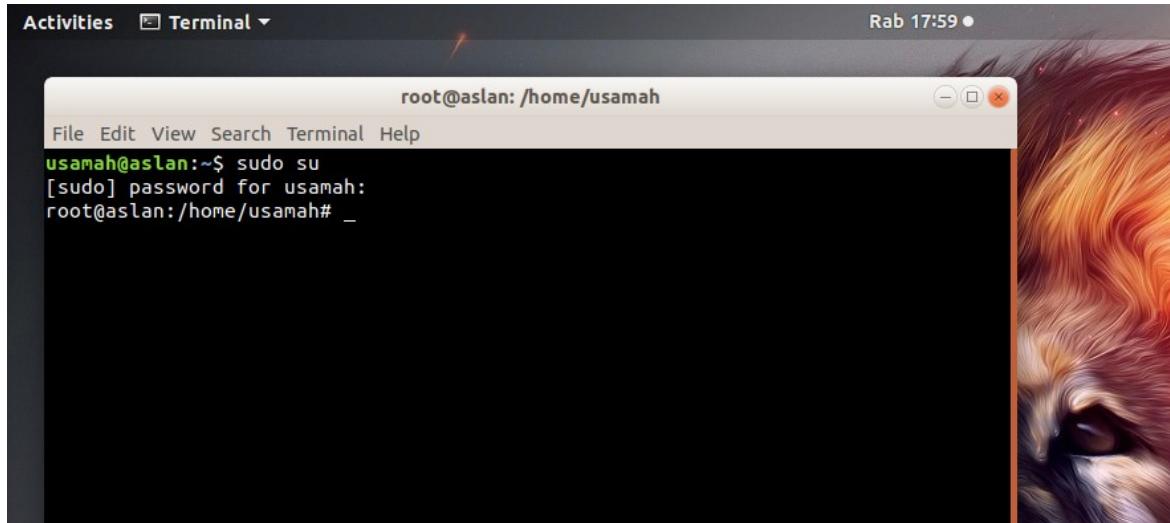
Usamah

0110218101

TI 2

Modul 1

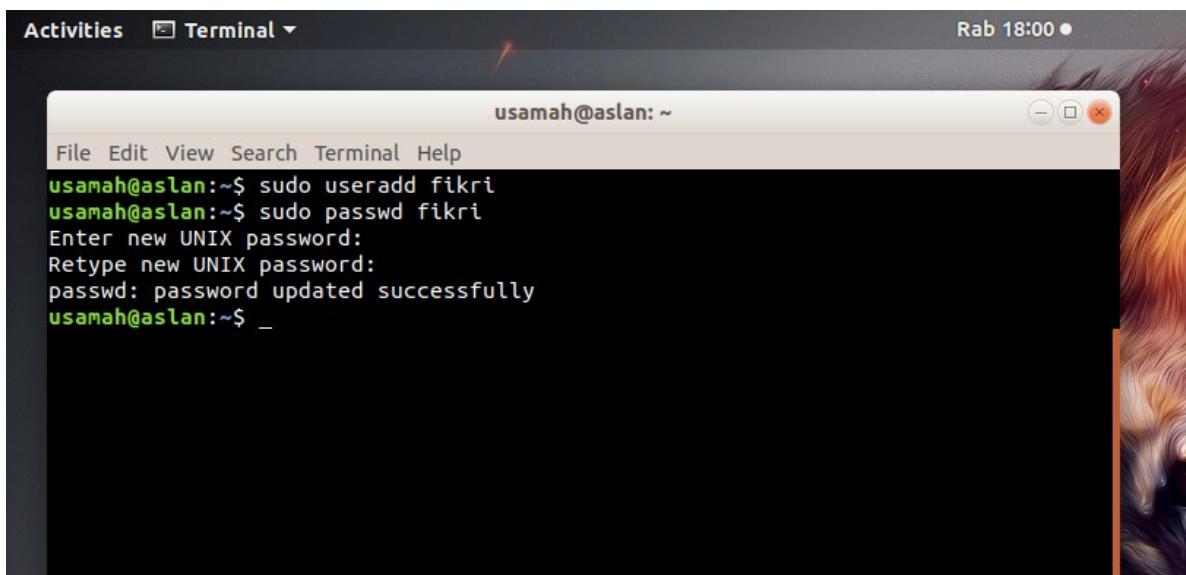
1. Perintah berubah dari user biasa menjadi user root : sudo su



A screenshot of a terminal window titled "root@aslan: /home/usamah". The window is part of the "Activities" interface. The terminal shows the command "sudo su" being run by the user "usamah". The password for "usamah" is requested, and upon successful entry, the user becomes root, indicated by the prompt "root@aslan:/home/usamah#". The desktop background features a vibrant orange and yellow abstract design.

```
root@aslan: /home/usamah
File Edit View Search Terminal Help
usamah@aslan:~$ sudo su
[sudo] password for usamah:
root@aslan:/home/usamah# _
```

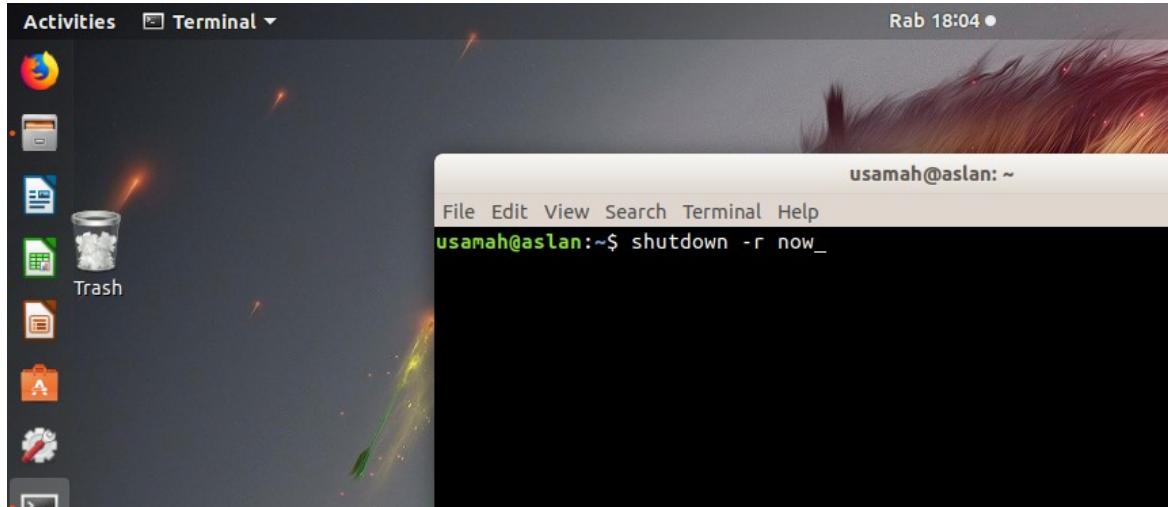
2. Perintah mengubah password user fikri : sudo passwd fikri



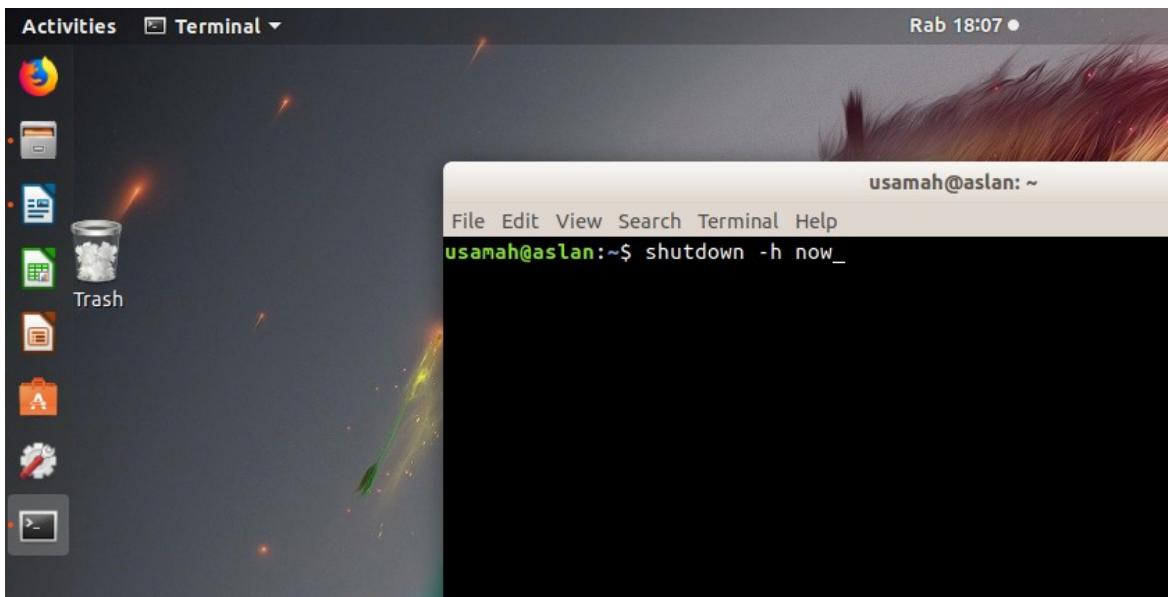
A screenshot of a terminal window titled "usamah@aslan: ~". The window is part of the "Activities" interface. The terminal shows the user running "sudo useradd fikri" to create a new user account. Then, the user runs "sudo passwd fikri" to change the password for the new user. The terminal prompts for a new UNIX password and asks to retype it. After both entries are completed successfully, the message "passwd: password updated successfully" is displayed. The user then exits the terminal. The desktop background is the same vibrant orange and yellow abstract design.

```
usamah@aslan: ~
File Edit View Search Terminal Help
usamah@aslan:~$ sudo useradd fikri
usamah@aslan:~$ sudo passwd fikri
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
usamah@aslan:~$ _
```

3. Perintah me-restart Linux: sudo shutdown -r now



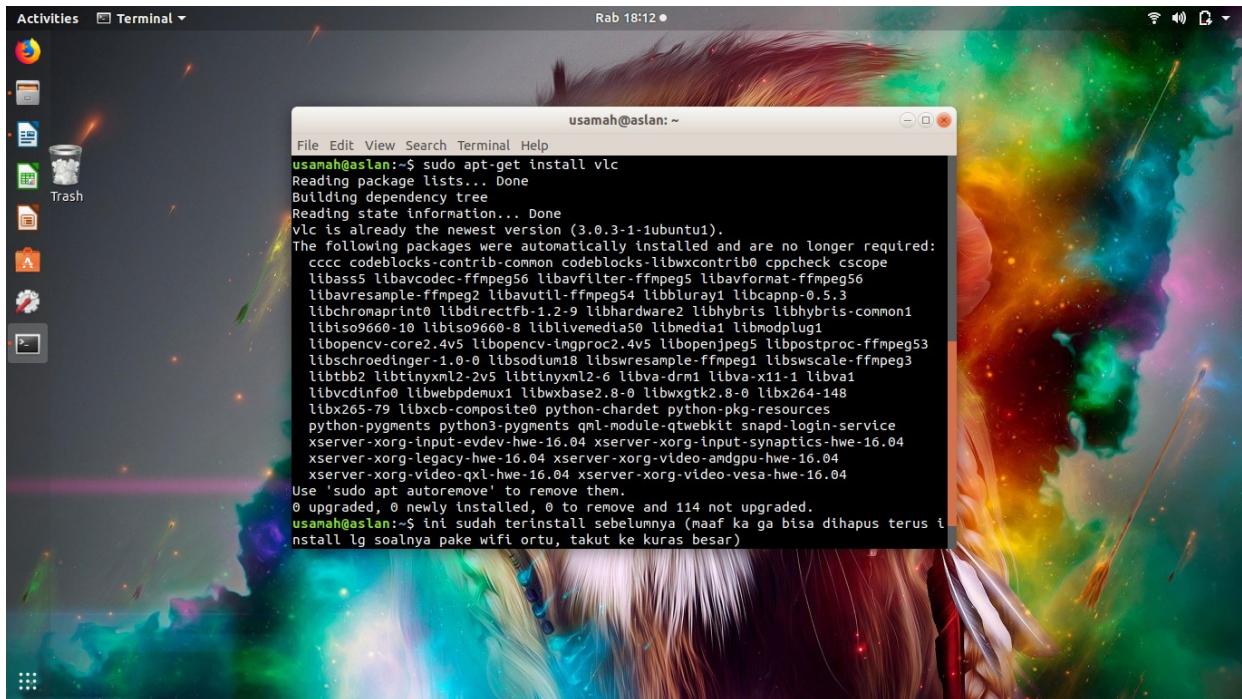
4. Perintah mematikan Linux: sudo shutdown -h now



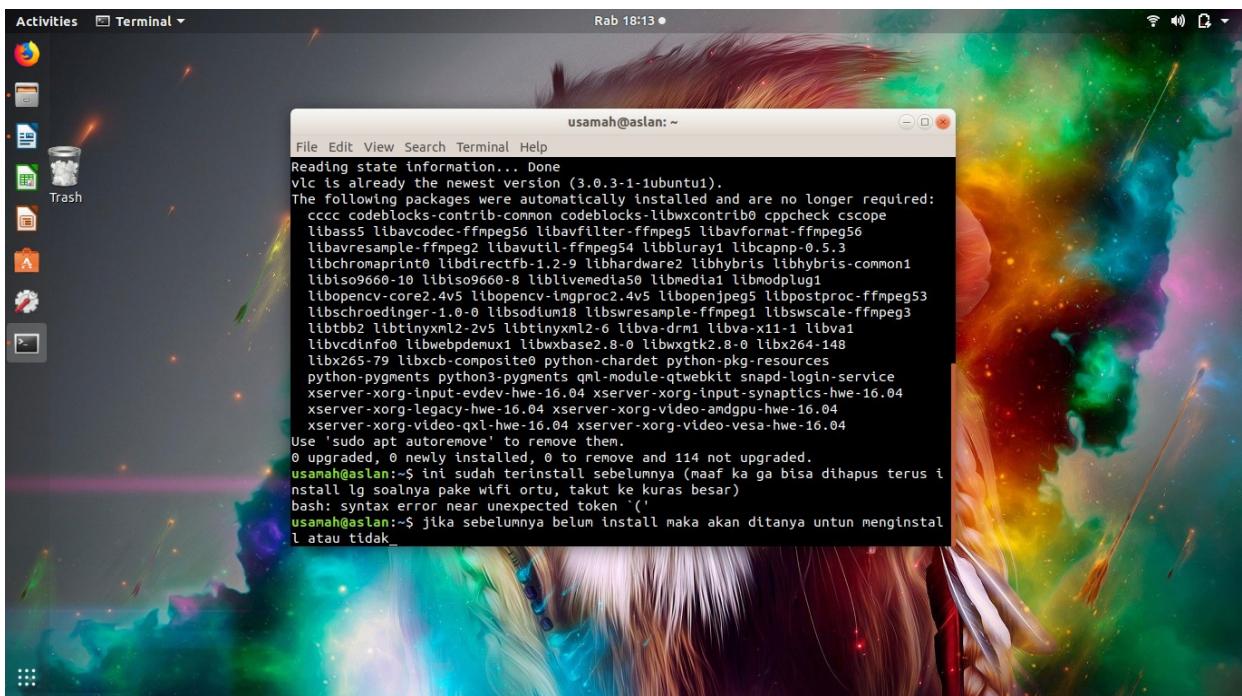
Modul 2

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

Sudo apt-getinstall vlc



```
Activities Terminal Rab 18:12 •
usamah@aslan:~$ sudo apt-get install vlc
Reading package lists... Done
Building dependency tree
Reading state information... Done
vlc is already the newest version (3.0.3-1~ubuntu1).
The following packages were automatically installed and are no longer required:
  ccc codeblocks-contrib-common codeblocks-libwxcontrib0 cppcheck cscope
  libass5 libavcodec-ffmpeg56 libavfilter-ffmpeg5 libavformat-ffmpeg56
  libavresample-ffmpeg2 libavutil-ffmpeg54 libbluray1 libcapnp-0.5.3
  libchromaprint0 libdirectfb-1.2-9 libhardware2 libhybris libhybris-common1
  libisop9660-10 libiso9660-8 liblivemedia50 libmedia1 libmodplug1
  libopencv-core2.4v5 libopencv-imgproc2.4v5 libopenjpeg5 libpostproc-ffmpeg53
  libschroedinger-1.0-0 libodium18 libswresample-ffmpeg1 libwscale-ffmpeg3
  libtbb2 libtinyxml2-2v5 libtinyxml2-6 libva-drm1 libva-x11-1 libvai
  libvcdinfo0 libwebpdmux1 libwxbase2.8-0 libwxgtk2.8-0 libx264-148
  libx265-79 libxcb-composite0 python-chardet python-pkg-resources
  python-pymgts python3-pymgts qml-module-qtwebkit snapd-login-service
  xserver-xorg-input-evdev-hwe-16.04 xserver-xorg-input-synaptics-hwe-16.04
  xserver-xorg-legacy-hwe-16.04 xserver-xorg-video-amdgpu-hwe-16.04
  xserver-xorg-video-qxl-hwe-16.04 xserver-xorg-video-vesa-hwe-16.04
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 114 not upgraded.
usamah@aslan:~$ ini sudah terinstall sebelumnya (maaf ka ga bisa dihapus terus i
nstall lg soalnya pake wifi ortu, takut ke kuras besar)
```



```
Activities Terminal Rab 18:13 •
usamah@aslan:~$ 
File Edit View Search Terminal Help
Reading state information... Done
vlc is already the newest version (3.0.3-1~ubuntu1).
The following packages were automatically installed and are no longer required:
  ccc codeblocks-contrib-common codeblocks-libwxcontrib0 cppcheck cscope
  libass5 libavcodec-ffmpeg56 libavfilter-ffmpeg5 libavformat-ffmpeg56
  libavresample-ffmpeg2 libavutil-ffmpeg54 libbluray1 libcapnp-0.5.3
  libchromaprint0 libdirectfb-1.2-9 libhardware2 libhybris libhybris-common1
  libisop9660-10 libiso9660-8 liblivemedia50 libmedia1 libmodplug1
  libopencv-core2.4v5 libopencv-imgproc2.4v5 libopenjpeg5 libpostproc-ffmpeg53
  libschroedinger-1.0-0 libodium18 libswresample-ffmpeg1 libwscale-ffmpeg3
  libtbb2 libtinyxml2-2v5 libtinyxml2-6 libva-drm1 libva-x11-1 libvai
  libvcdinfo0 libwebpdmux1 libwxbase2.8-0 libwxgtk2.8-0 libx264-148
  libx265-79 libxcb-composite0 python-chardet python-pkg-resources
  python-pymgts python3-pymgts qml-module-qtwebkit snapd-login-service
  xserver-xorg-input-evdev-hwe-16.04 xserver-xorg-input-synaptics-hwe-16.04
  xserver-xorg-legacy-hwe-16.04 xserver-xorg-video-amdgpu-hwe-16.04
  xserver-xorg-video-qxl-hwe-16.04 xserver-xorg-video-vesa-hwe-16.04
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 114 not upgraded.
usamah@aslan:~$ ini sudah terinstall sebelumnya (maaf ka ga bisa dihapus terus i
nstall lg soalnya pake wifi ortu, takut ke kuras besar)
bash: syntax error near unexpected token `('
usamah@aslan:~$ jika sebelumnya belum install maka akan ditanya untun menginstal atau tidak
```

Modul 4

1. Perintah melihat isi direktori /etc: ls -l /etc

A screenshot of a Linux desktop environment. On the left is a dock with icons for Activities, Terminal, Home, Applications, and Trash. The main area shows a colorful nebula-style wallpaper. A terminal window titled "usamah@aslan: ~" is open, showing the command "ls -l /etc" and its output. The output lists numerous files and directories in the /etc directory, including acpi, adduser.conf, alternatives, anacrontab, apache2, apg.conf, apt, aptdaemon, apt-get, aptitude, at-spitz, avahi, bash.bashrc, bash_completion, bash_completion.d, bindresvport.blacklist, binfmt.d, bluetooth, and brlapi.key. The terminal window has a standard title bar with "File Edit View Search Terminal Help". The status bar at the top of the screen shows "Rab 18:19".

```
usamah@aslan:~$ ls -l /etc
total 1236
drwxr-xr-X 3 root root    4096 Okt  6 19:58 acpi
-rw-r--r-- 1 root root    3028 Jul 31 07:31 adduser.conf
drwxr-xr-X 2 root root    4096 Okt  6 20:20 alternatives
-rw-r--r-- 1 root root    401 Des 29 2014 anacrontab
drwxr-xr-X 3 root root    4096 Okt  6 19:30 apache2
-rw-r--r-- 1 root root    433 Okt  2 2017 apg.conf
drwxr-xr-X 6 root root    4096 Jul 31 07:35 apt
drwxr-xr-X 3 root root    4096 Okt  6 19:57 apparmor
drwxr-xr-X 8 root root    4096 Okt  6 20:22 apparmor.d
drwxr-xr-X 5 root root    4096 Okt  6 19:58 apport
-rw-r--r-- 1 root root    769 Apr  4 2018 appstream.conf
drwxr-xr-X 6 root root    4096 Okt  6 19:17 apt
drwxr-xr-X 3 root root    4096 Jul 31 07:38 aptdaemon
drwxr-xr-X 2 root root    4096 Okt  6 19:46 at-spitz
drwxr-xr-X 3 root root    4096 Okt  6 19:59 avahi
-rw-r--r-- 1 root root   2319 Apr  5 2018 bash.bashrc
-rw-r--r-- 1 root root    45 Agu 13 2015 bash_completion
drwxr-xr-X 2 root root    4096 Okt 22 22:40 bash_completion.d
-rw-r--r-- 1 root root    367 Jan 27 2016 bindresvport.blacklist
drwxr-xr-X 2 root root    4096 Apr 12 2016 binfmt.d
drwxr-xr-X 2 root root    4096 Okt  6 19:48 bluetooth
-rw-r--r-- 1 root root    33 Jul 31 07:41 brlapi.key
```

2. Perintah membuat file bernama latihan: touch latihan

A screenshot of a Linux desktop environment, identical to the one above. A terminal window titled "usamah@aslan: ~" is open, showing the command "touch latihan" and its output. The output shows the file "latihan" was created. The terminal window has a standard title bar with "File Edit View Search Terminal Help". The status bar at the top of the screen shows "Rab 18:20".

```
usamah@aslan:~$ touch latihan
usamah@aslan:~$ _
```

3. Perintah mengubah nama file latihan menjadi ngoding: mv latihan challenge

```
usamah@aslan: ~
File Edit View Search Terminal Help
usamah@aslan:~$ mv latihan challenge
usamah@aslan:~$ ls -l
total 56
-rw-r--r-- 1 usamah usamah 24 Okt 19 10:00 belajar
-rw-r--r-- 1 usamah usamah 0 Jan 16 18:20 challenge
drwxr-xr-x 2 usamah usamah 4096 Nov 30 20:01 Desktop
drwxr-xr-x 7 usamah usamah 4096 Des 26 22:23 Documents
drwxr-xr-x 11 usamah usamah 4096 Jan 16 17:55 Downloads
-rw-r--r-- 1 usamah usamah 8980 Sep 28 11:11 examples.desktop
drwxr-xr-x 2 usamah usamah 4096 Sep 28 11:28 Music
```

Modul 5

1. Membuat direktori bernama belajar : mkdir belajar

```
usamah@aslan: ~
File Edit View Search Terminal Help
usamah@aslan:~$ mkdir belajar posa
usamah@aslan:~$ _
```

2. perintah menghapus file yang bernama latihan: rm latihan

```
usamah@aslan: ~
File Edit View Search Terminal Help
usamah@aslan:~$ rm latihan
usamah@aslan:~$ _
```

3. Perintah pindah ke direktori Desktop/: cd Desktop/

```
usamah@aslan: ~/Desktop
File Edit View Search Terminal Help
usamah@aslan:~/Desktop$ cd Desktop/
usamah@aslan:~/Desktop$ pwd
/home/usamah/Desktop
usamah@aslan:~/Desktop$ _
```

4. cek posisi direktori sekarang: pwd

A screenshot of a Linux desktop environment. On the left, there's a dock with icons for a browser, file manager, terminal, and others. A window titled "Terminal" is open in the foreground, showing the command-line interface. The terminal window has a title bar with "Activities" and "Terminal". The status bar at the top right shows the date and time as "Rab 19:22". The terminal content is as follows:

```
usamah@aslan: ~/Desktop
File Edit View Search Terminal Help
usamah@aslan:~$ cd Desktop/
usamah@aslan:~/Desktop$ pwd
/home/usamah/Desktop
usamah@aslan:~/Desktop$ _
```

Modul 6

1. Mengubah izin akses file latihan menjadi rw-r--r-- : chmod 644 latihan

A screenshot of a Linux desktop environment. On the left, there's a dock with icons for a browser, file manager, terminal, and others. A window titled "Terminal" is open in the foreground, showing the command-line interface. The terminal window has a title bar with "Activities" and "Terminal". The status bar at the top right shows the date and time as "Rab 19:37". The terminal content is as follows:

```
usamah@aslan: ~/Desktop
File Edit View Search Terminal Help
usamah@aslan:~/Desktop$ ls -l latihan
-rw-rw-r-- 1 usamah usamah 0 Jan 16 19:33 latihan
usamah@aslan:~/Desktop$ chmod 644 latihan
usamah@aslan:~/Desktop$ ls -l latihan
-rw-r--r-- 1 usamah usamah 0 Jan 16 19:33 latihan
usamah@aslan:~/Desktop$ _
```

2. mengubah pemilik file latihan menjadi fikri: sudo chown fikri latihan

A screenshot of a Linux desktop environment. On the left, there's a dock with icons for a browser, file manager, terminal, and others. A window titled "Terminal" is open in the foreground, showing the command-line interface. The terminal window has a title bar with "Activities" and "Terminal". The status bar at the top right shows the date and time as "Rab 20:30". The terminal content is as follows:

```
usamah@aslan: ~/Desktop
File Edit View Search Terminal Help
usamah@aslan:~/Desktop$ ls -l
total 0
-rw-r--r-- 1 usamah usamah 0 Jan 16 19:33 latihan
usamah@aslan:~/Desktop$ sudo chown fikri latihan
[sudo] password for usamah:
usamah@aslan:~/Desktop$ ls -l
total 0
```

Modul 7

1. Perintah mengarsip dan men-kompresi seluruh file .conf di /etc/ dengan tar dan gzip secara bersamaan: tar -czvf config.tar.gz *.conf

The screenshot shows two terminal sessions on a Linux desktop. The top session lists all configuration files in the /etc directory with their permissions, sizes, and modification dates. The bottom session shows the command being run to compress these files into a single archive named 'config.tar.gz'.

```
Rab 20:54 ●
usamah@aslan: ~/arsip

File Edit View Search Terminal Help
usamah@aslan:~/arsip$ cp /etc/*.conf .
usamah@aslan:~/arsip$ ls -l
total 192
-rw-r--r-- 1 usamah usamah 3028 Jan 16 20:53 adduser.conf
-rw-r--r-- 1 usamah usamah 433 Jan 16 20:53 apg.conf
-rw-r--r-- 1 usamah usamah 769 Jan 16 20:53 appstream.conf
-rw-r--r-- 1 usamah usamah 25341 Jan 16 20:53 brltty.conf
-rw-r--r-- 1 usamah usamah 6864 Jan 16 20:53 ca-certificates.conf
-rw-r--r-- 1 usamah usamah 46 Jan 16 20:53 config.tar.gz
-rw-r--r-- 1 usamah usamah 2969 Jan 16 20:53 debconf.conf
-rw-r--r-- 1 usamah usamah 604 Jan 16 20:53 deluser.conf
-rw-r--r-- 1 usamah usamah 280 Jan 16 20:53 fuse.conf
-rw-r--r-- 1 usamah usamah 2584 Jan 16 20:53 gat.conf
-rw-r--r-- 1 usamah usamah 4861 Jan 16 20:53 hdparm.conf
-rw-r--r-- 1 usamah usamah 92 Jan 16 20:53 host.conf
-rw-r--r-- 1 usamah usamah 771 Jan 16 20:53 insserv.conf
-rw-r--r-- 1 usamah usamah 110 Jan 16 20:53 kernel-img.conf
-rw-r--r-- 1 usamah usamah 1308 Jan 16 20:53 kerneloops.conf
-rw-r--r-- 1 usamah usamah 34 Jan 16 20:53 ld.so.conf
-rw-r--r-- 1 usamah usamah 27 Jan 16 20:53 libao.conf
-rw-r--r-- 1 usamah usamah 191 Jan 16 20:53 libaudit.conf
-rw-r--r-- 1 usamah usamah 703 Jan 16 20:53 logrotate.conf
-rw-r--r-- 1 usamah usamah 14867 Jan 16 20:53 ltrace.conf
-rw-r--r-- 1 usamah usamah 812 Jan 16 20:53 mke2fs.conf
-rw-r--r-- 1 usamah usamah 624 Jan 16 20:53 mtools.conf
-rw-r--r-- 1 usamah usamah 556 Jan 16 20:53 nsswitch.conf
-rw-r--r-- 1 usamah usamah 552 Jan 16 20:53 pam.conf
-rw-r--r-- 1 usamah usamah 7649 Jan 16 20:53 pmn2ppa.conf
-rw-r--r-- 1 usamah usamah 350 Jan 16 20:53 popularity-contest.conf
-rw-r--r-- 1 usamah usamah 304 Jan 16 20:53 resolv.conf
-rw-r--r-- 1 usamah usamah 1358 Jan 16 20:53 rsyslog.conf
-rw-r--r-- 1 usamah usamah 10368 Jan 16 20:53 sensors3.conf
-rw-r--r-- 1 usamah usamah 1803 Jan 16 20:53 signond.conf
-rw-r--r-- 1 usamah usamah 2683 Jan 16 20:53 sysctl.conf
-rw-r--r-- 1 usamah usamah 1260 Jan 16 20:53 ucf.conf
-rw-r--r-- 1 usamah usamah 403 Jan 16 20:53 updatedb.conf
-rw-r--r-- 1 usamah usamah 1523 Jan 16 20:53 usb_modeswitch.conf
usamah@aslan:~/arsip$ tar -czvf config.tar.gz *.conf
Activities Terminal Rab 20:54 ●
usamah@aslan: ~/arsip

File Edit View Search Terminal Help
usamah@aslan:~/arsip$ cp /etc/*.conf .
usamah@aslan:~/arsip$ ls -l
total 192
-rw-r--r-- 1 usamah usamah 2683 Jan 16 20:53 sysctl.conf
-rw-r--r-- 1 usamah usamah 1260 Jan 16 20:53 ucf.conf
-rw-r--r-- 1 usamah usamah 403 Jan 16 20:53 updatedb.conf
-rw-r--r-- 1 usamah usamah 1523 Jan 16 20:53 usb_modeswitch.conf
usamah@aslan:~/arsip$ tar -czvf config.tar.gz *.conf
adduser.conf
apg.conf
appstream.conf
brltty.conf
ca-certificates.conf
debconf.conf
deluser.conf
fuse.conf
gat.conf
hdparm.conf
host.conf
insserv.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
pmn2ppa.conf
popularity-contest.conf
resolv.conf
rsyslog.conf
sensors3.conf
signond.conf
sysctl.conf
ucf.conf
updatedb.conf
usb_modeswitch.conf
```

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

The screenshot shows two terminal windows side-by-side. The top window displays the command 'zip conf *.conf' being run, with the output showing the compression of various configuration files from the '/etc' directory. The bottom window shows the result of the 'ls -l' command, which lists all the compressed files in the current directory.

```
usamah@aslan:~/arsip$ zip conf *.conf
adding: adduser.conf (deflated 55%)
adding: app.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 46%)
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: 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: pnm2ppa.conf (deflated 59%)
adding: popularity-contest.conf (deflated 28%)
adding: resolv.conf (deflated 30%)
adding: rsyslog.conf (deflated 52%)
adding: sensors3.conf (deflated 82%)
adding: signond.conf (deflated 60%)
adding: sysctl.conf (deflated 61%)
adding: ucf.conf (deflated 61%)
adding: updatedb.conf (deflated 37%)
adding: usb_modeswitch.conf (deflated 46%)
usamah@aslan:~/arsip$ _

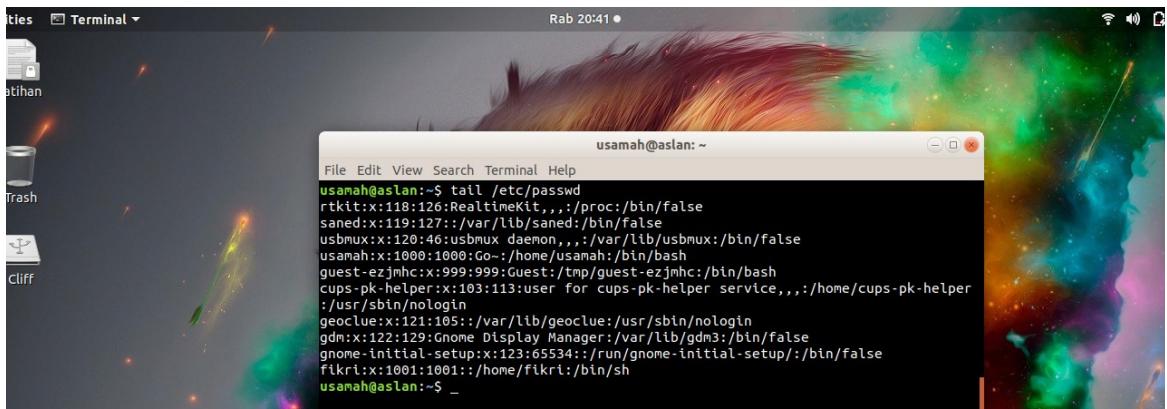
File Edit View Search Terminal Help
usamah@aslan:~/arsip$ ls -l
total 266
-rw-r--r-- 1 usamah usamah 3028 Jan 16 20:53 adduser.conf
-rw-r--r-- 1 usamah usamah 433 Jan 16 20:53 app.conf
-rw-r--r-- 1 usamah usamah 769 Jan 16 20:53 appstream.conf
-rw-r--r-- 1 usamah usamah 25341 Jan 16 20:53 brltty.conf
-rw-r--r-- 1 usamah usamah 6864 Jan 16 20:53 ca-certificates.conf
-rw-r--r-- 1 usamah usamah 29268 Jan 16 20:54 config.tar.gz
-rw-r--r-- 1 usamah usamah 37760 Jan 16 20:58 conf.zip
-rw-r--r-- 1 usamah usamah 2969 Jan 16 20:53 debconf.conf
-rw-r--r-- 1 usamah usamah 604 Jan 16 20:53 deluser.conf
-rw-r--r-- 1 usamah usamah 280 Jan 16 20:53 fuse.conf
-rw-r--r-- 1 usamah usamah 2584 Jan 16 20:53 gai.conf
-rw-r--r-- 1 usamah usamah 4861 Jan 16 20:53 hdparm.conf
-rw-r--r-- 1 usamah usamah 92 Jan 16 20:53 host.conf
-rw-r--r-- 1 usamah usamah 771 Jan 16 20:53 insserv.conf
-rw-r--r-- 1 usamah usamah 110 Jan 16 20:53 kernel-img.conf
-rw-r--r-- 1 usamah usamah 1308 Jan 16 20:53 kerneloops.conf
-rw-r--r-- 1 usamah usamah 34 Jan 16 20:53 ld.so.conf
-rw-r--r-- 1 usamah usamah 27 Jan 16 20:53 libao.conf
-rw-r--r-- 1 usamah usamah 191 Jan 16 20:53 libaudit.conf
-rw-r--r-- 1 usamah usamah 703 Jan 16 20:53 logrotate.conf
-rw-r--r-- 1 usamah usamah 14867 Jan 16 20:53 ltrace.conf
-rw-r--r-- 1 usamah usamah 812 Jan 16 20:53 mke2fs.conf
-rw-r--r-- 1 usamah usamah 624 Jan 16 20:53 mtools.conf
-rw-r--r-- 1 usamah usamah 556 Jan 16 20:53 nsswitch.conf
-rw-r--r-- 1 usamah usamah 552 Jan 16 20:53 pam.conf
-rw-r--r-- 1 usamah usamah 7649 Jan 16 20:53 pnm2ppa.conf
-rw-r--r-- 1 usamah usamah 350 Jan 16 20:53 popularity-contest.conf
-rw-r--r-- 1 usamah usamah 304 Jan 16 20:53 resolv.conf
-rw-r--r-- 1 usamah usamah 1358 Jan 16 20:53 rsyslog.conf
-rw-r--r-- 1 usamah usamah 10368 Jan 16 20:53 sensors3.conf
-rw-r--r-- 1 usamah usamah 1803 Jan 16 20:53 signond.conf
-rw-r--r-- 1 usamah usamah 2683 Jan 16 20:53 sysctl.conf
-rw-r--r-- 1 usamah usamah 1260 Jan 16 20:53 ucf.conf
-rw-r--r-- 1 usamah usamah 403 Jan 16 20:53 updatedb.conf
-rw-r--r-- 1 usamah usamah 1523 Jan 16 20:53 usb_modeswitch.conf
usamah@aslan:~/arsip$ _
```

3. Perintah mengestrak file zip yang sudah dikompresi di atas: unzip conf.zip

```
usamah@aslan:~/arsip$ unzip conf.zip
Archive: conf.zip
replace adduser.conf? [y]es, [n]o, [A]ll, [N]one, [r]ename: _
```

Modul 8

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



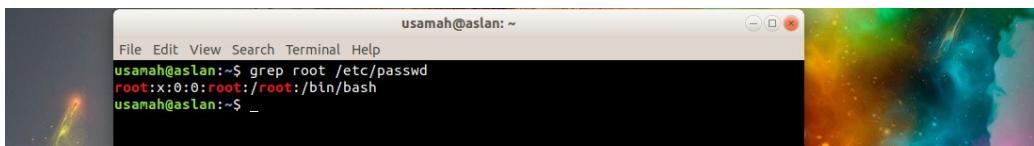
```
usamah@aslan:~$ tail /etc/passwd
rtkit:x:118:126:RealtimeKit,,,:/proc/bin/false
saned:x:119:127::/var/lib/saned:/bin/false
usbmux:x:120:46:usbmux daemon,,,:/var/lib/usbmux:/bin/false
usamah:x:1000:1000:Go-:/home/usamah:/bin/bash
guest-ezjmhcx:999:999:Guest:/tmp/guest-ezjmhcx:/bin/bash
cups-pk-helper:x:103:113:user for cups-pk-helper service,,,:/home/cups-pk-helper
:/usr/sbin/nologin
geoclue:x:121:105::/var/lib/geoclue:/usr/sbin/nologin
gdm:x:122:129:Gnome Display Manager:/var/lib/gdm3:/bin/false
gnome-initial-setup:x:123:65534::/run/gnome-initial-setup/:/bin/false
fikri:x:1001:1001::/home/fikri:/bin/sh
usamah@aslan:~$ _
```

2. Perintah menghitung kata file /etc/passwd: wc -w /etc/passwd



```
usamah@aslan:~$ wc -w /etc/passwd
77 /etc/passwd
usamah@aslan:~$ _
```

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



```
usamah@aslan:~$ grep root /etc/passwd
root:x:0:0:root:/root:/bin/bash
usamah@aslan:~$ _
```

Modul 9

1. Tampilkan halaman manual dari perintah cp: man cp

```
Activities Terminal Rab 21:07 ● usamah@aslan: ~
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]
    make a backup of each existing destination file

-b    like --backup but does not accept an argument

--copy-contents
    copy contents of special files when recursive

-d    same as --no-dereference --preserve=links

-f, --force
    if an existing destination file cannot be opened, remove it and
    try again (this option is ignored when the -n option is also
    used)

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

2. Tampilan halaman info dari perintah date:

```
Activities Terminal Rab 21:11 ● usamah@aslan: ~
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] [ MMDDhhmm[[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.

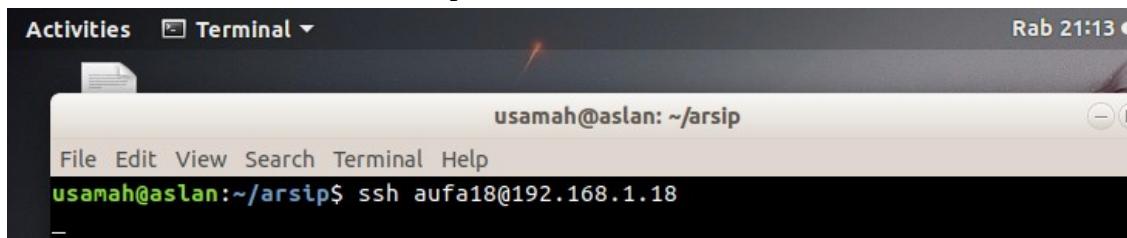
If given an argument that starts with a '+', 'date' prints the
current date and time (or the date and time specified by the '--date'
option, see below) in the format defined by that argument, which is
similar to that of the 'strftime' function. Except for conversion
specifiers, which start with '%', characters in the format string are
printed unchanged. The conversion specifiers are described below.

An exit status of zero indicates success, and a nonzero value
indicates failure.

* Menu:
* Time conversion specifiers::      %[HIklMNpPrRsSTXzZ]
* Date conversion specifiers::     %[aAbBcCdDefGhjmUVvwXyY]
* Literal conversion specifiers::  %[%nt]
* Padding and other flags::        Pad with zeros, spaces, etc.
* Setting the time::               Changing the system clock.
-----Info: (coreutils)date invocation, 40 lines --Top-----
Welcome to Info version 6.5. Type H for help, h for tutorial.
```

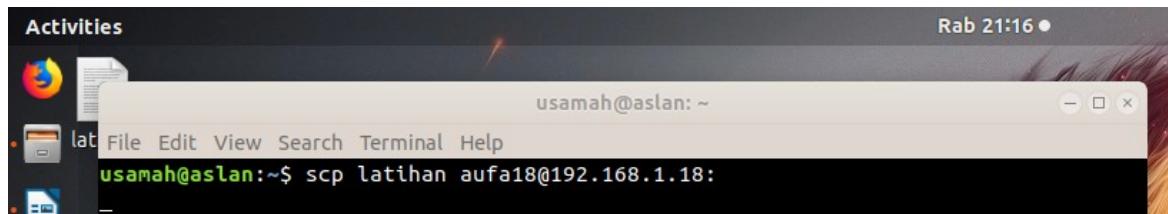
Modul 10

1. Jalankan Perintah meremote komputer Aufa : ssh aufa18@192.168.1.18



A screenshot of a terminal window titled "usamah@aslan: ~/arsip". The window shows the command "ssh aufa18@192.168.1.18" being typed into the terminal. The terminal is running on a Linux desktop environment.

2. Jalankan perintah meng-copy file latihan ke komputer aufa:



A screenshot of a terminal window titled "usamah@aslan: ~". The window shows the command "scp latihan aufa18@192.168.1.18:" being typed into the terminal. The terminal is running on a Linux desktop environment.