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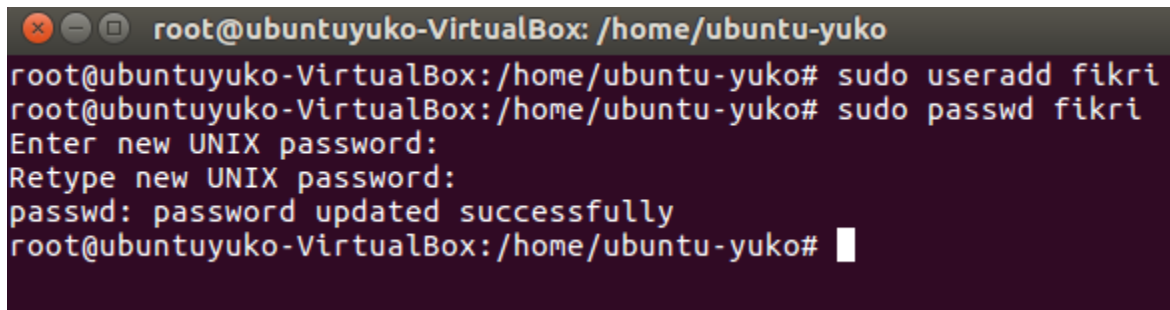
Modul 1

1. Perintah berubah dari user biasa menjadi user root:
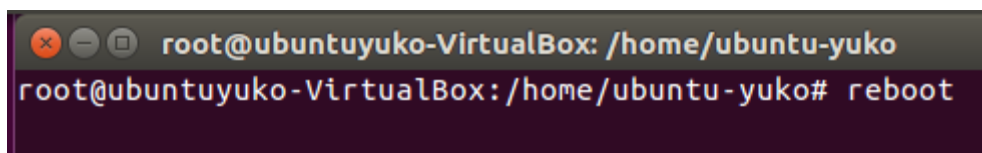
2. Perintah mengubah password user fikri:

3. Perintah me-restart Linux:

4. Perintah mematikan Linux:

Modul 2

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

```
😕⊖⊡  root@ubuntuyuko-VirtualBox: /home/ubuntu-yuko
root@ubuntuyuko-VirtualBox:/home/ubuntu-yuko# sudo apt-get install vlc
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libbasicusageenvironment1 libcddb2 libdirectfb-1.2-9 libdvbpsi10 libebml4v5
  libgles2-mesa libgroupsock8 libiso9660-8 liblivemedia50 libmatroska6v5
  libmpcdec6 libproxy-tools libqt5x11extras5 libresid-builder0c2a
  libsdl-image1.2 libsdl1.2debian libsidplay2v5 libssh2-1 libupnp6
  libusageenvironment3 libva-drm1 libva-x11-1 libvcdinfo0 libvlc5 libvlccore8
  libxcb-composite0 libxcb-xv0 vlc-data vlc-nox vlc-plugin-notify
  vlc-plugin-samba
Suggested packages:
  libdvdcss2
The following NEW packages will be installed:
  libbasicusageenvironment1 libcddb2 libdirectfb-1.2-9 libdvbpsi10 libebml4v5
  libgles2-mesa libgroupsock8 libiso9660-8 liblivemedia50 libmatroska6v5
  libmpcdec6 libproxy-tools libqt5x11extras5 libresid-builder0c2a
  libsdl-image1.2 libsdl1.2debian libsidplay2v5 libssh2-1 libupnp6
  libusageenvironment3 libva-drm1 libva-x11-1 libvcdinfo0 libvlc5 libvlccore8
  libxcb-composite0 libxcb-xv0 vlc vlc-data vlc-nox vlc-plugin-notify
  vlc-plugin-samba
0 upgraded, 32 newly installed, 0 to remove and 211 not upgraded.
Need to get 12,1 MB of archives.
```
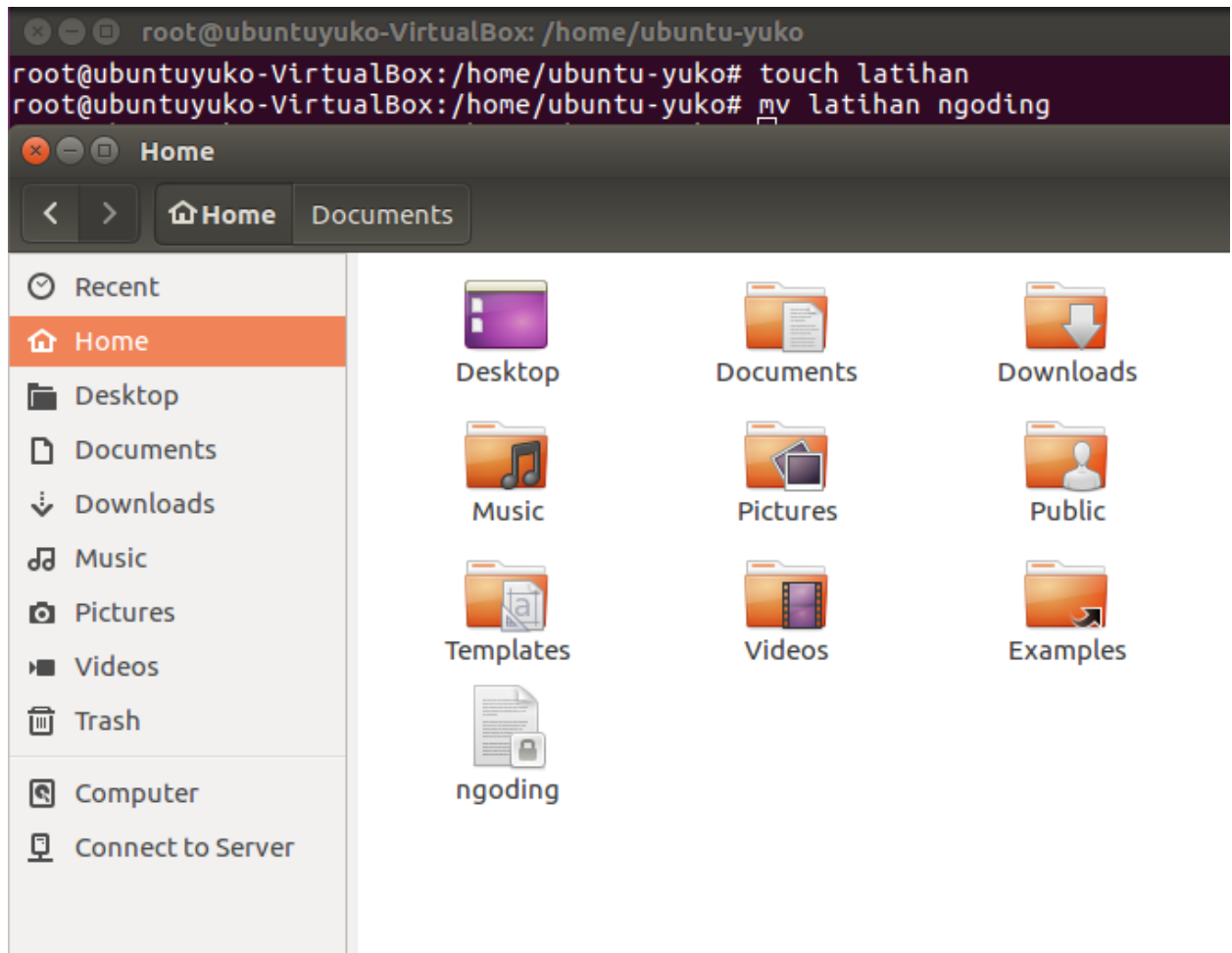
Modul 4

1. Perintah melihat isi direktori /etc:

```
root@ubuntuyuko-VirtualBox: /home/ubuntu-yuko
root@ubuntuyuko-VirtualBox:/home/ubuntu-yuko# ls -l /etc/
total 1212
drwxr-xr-x  3 root root   4096 Jul 31 07:40 acpi
-rw-r--r--  1 root root   3028 Jul 31 07:31 adduser.conf
drwxr-xr-x  2 root root  20480 Okt 12 06:06 alternatives
-rw-r--r--  1 root root    401 Des 29  2014 anacrontab
-rw-r--r--  1 root root    112 Jan 10  2014 apg.conf
drwxr-xr-x  6 root root   4096 Jul 31 07:35 apm
drwxr-xr-x  3 root root   4096 Okt  6 00:17 apparmor
drwxr-xr-x  8 root root   4096 Okt  4 07:14 apparmor.d
drwxr-xr-x  5 root root   4096 Jul 31 07:40 apport
-rw-r--r--  1 root root    389 Apr 18  2016 appstream.conf
drwxr-xr-x  6 root root   4096 Sep 30 17:39 apt
drwxr-xr-x  3 root root   4096 Jul 31 07:38 aptdaemon
drwxr-xr-x  2 root root   4096 Jul 31 07:41 at-spi2
drwxr-xr-x  3 root root   4096 Jul 31 07:41 avahi
-rw-r--r--  1 root root   2188 Sep  1  2015 bash.bashrc
-rw-r--r--  1 root root     45 Agu 13  2015 bash_completion
drwxr-xr-x  2 root root   4096 Sep 30 17:32 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 Jul 31 07:41 bluetooth
-rw-r--r--  1 root root     33 Jul 31 07:41 brlapi.key
drwxr-xr-x  7 root root   4096 Jul 31 07:38 brltty
```

2. Perintah membuat file bernama latihan:
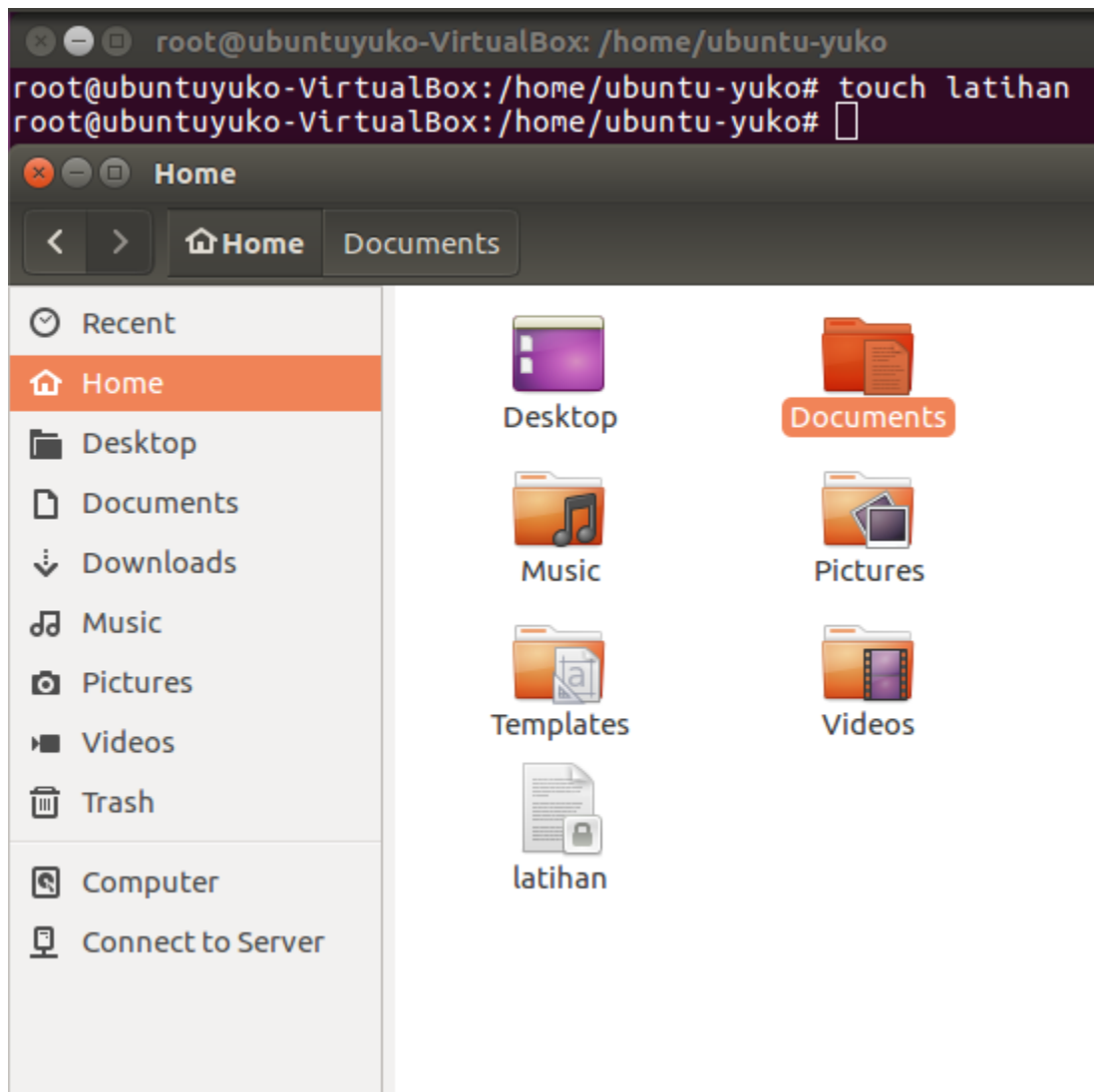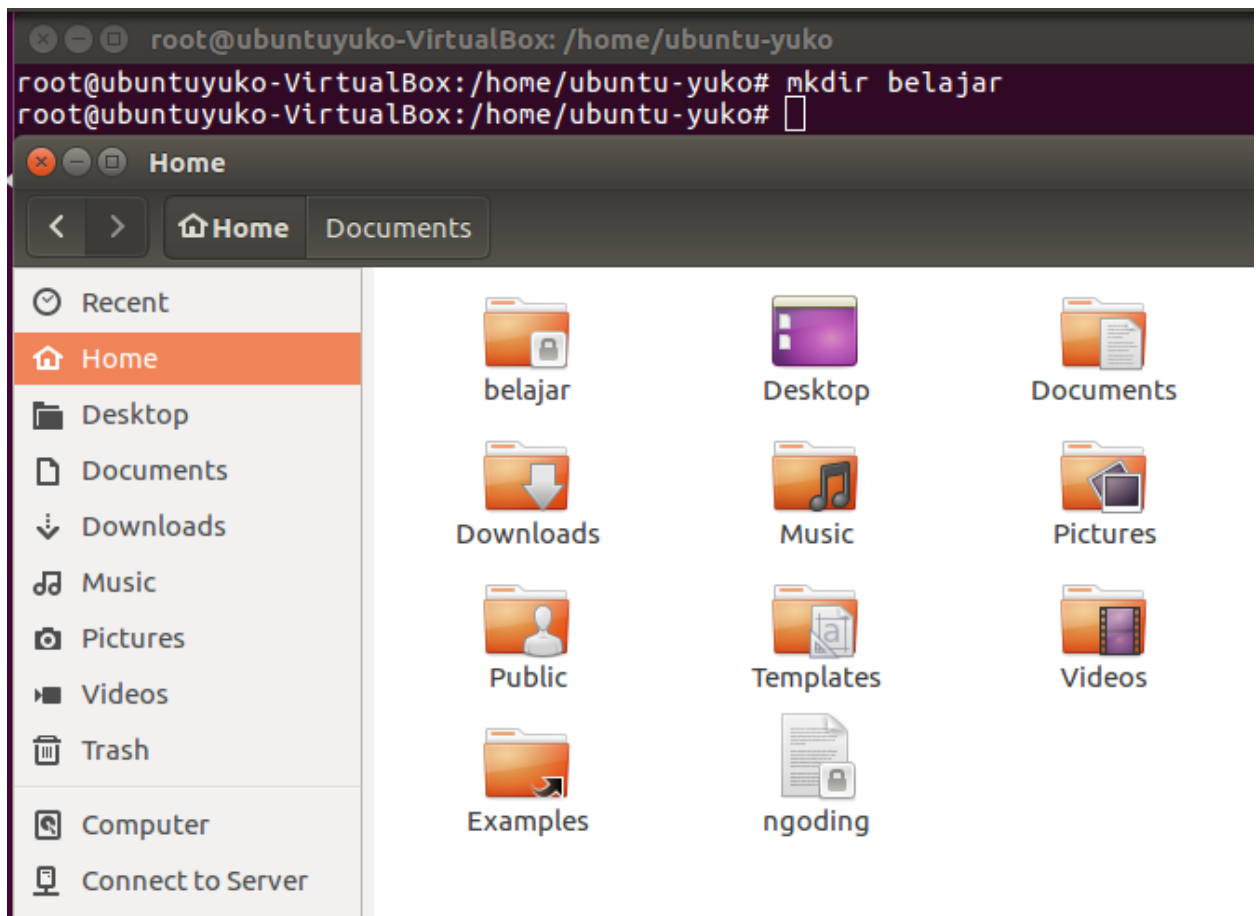
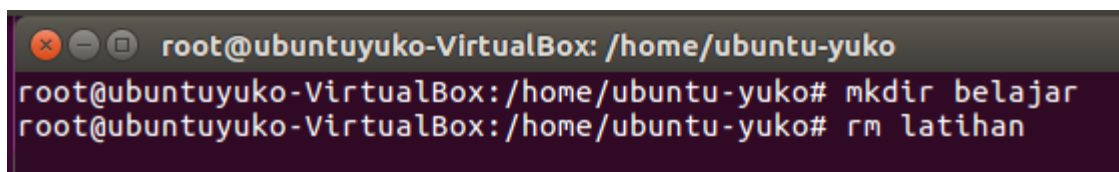3. Perintah mengubah nama file latihan menjadi ngoding:
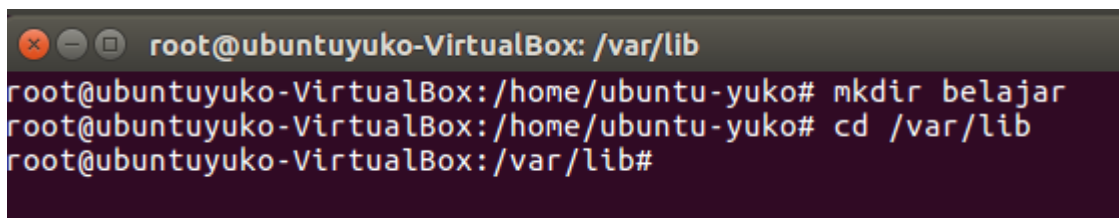
Modul 5

1. Membuat direktori bernama belajar:

2. Perintah menghapus file bernama latihan:

3. Perintah pindah ke direktori /var/lib:

4. Cek posisi direktori sekarang:

```
root@ubuntuyuko-VirtualBox: /var/lib
root@ubuntuyuko-VirtualBox:/home/ubuntu-yuko# mkdir belajar
root@ubuntuyuko-VirtualBox:/home/ubuntu-yuko# cd /var/lib
root@ubuntuyuko-VirtualBox:/var/lib# pwd
/var/lib
root@ubuntuyuko-VirtualBox:/var/lib#
```

Modul 6

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


```
root@ubuntuyuko-VirtualBox: /var/lib
root@ubuntuyuko-VirtualBox:/var/lib# chmod 644 latihan
root@ubuntuyuko-VirtualBox:/var/lib# ls -l latihan
-rw-r--r-- 1 root root 0 Jan 11 20:12 latihan
root@ubuntuyuko-VirtualBox:/var/lib#
```

2. Mengubah pemilik file latihan menjadi rifki.


```
root@ubuntuyuko-VirtualBox: /var/lib

root@ubuntuyuko-VirtualBox:/var/lib# chgrp rifki latihan
root@ubuntuyuko-VirtualBox:/var/lib# chown rifki latihan
```

Modul 7

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


```
root@ubuntuyuko-VirtualBox: /var/lib
root@ubuntuyuko-VirtualBox:/var/lib# ls -l latihan
-rw-r--r-- 1 rifki rifki 0 Jan 11 20:12 latihan
root@ubuntuyuko-VirtualBox:/var/lib#
```

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

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

Modul 8

1. Menampilkan bagian akhir file /etc/passwd:

```
●●⊙  root@ubuntuyuko-VirtualBox: /etc
root@ubuntuyuko-VirtualBox:/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: fuund conf
```

2. Perintah menghitung kata file /etc/passwd:

```
●●⊙  root@ubuntuyuko-VirtualBox: /etc
root@ubuntuyuko-VirtualBox:/etc# tail /etc/passwd
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
ubuntu-yuko:x:1000:1000:ubuntu-yuko,,,:/home/ubuntu-yuko:/bin/bash
ismail:x:1001:1001::/home/ismail:/bin/bash
postgres:x:1002:1002::/home/postgres:
fikri:x:1003:1003::/home/fikri:
rifki:x:1004:1004::/home/rifki:
root@ubuntuyuko-VirtualBox:/etc#
```

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

```
●●⊙  root@ubuntuyuko-VirtualBox: /etc
root@ubuntuyuko-VirtualBox:/etc# wc -w /etc/passwd
73 /etc/passwd
root@ubuntuyuko-VirtualBox:/etc#
```

Modul 9

1. Tampilkan halaman manual dari perintah cp:

```
⊗ ⊖ ⊙  root@ubuntuyuko-VirtualBox: /etc
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:


```
⊗ ⊖ ⊙  root@ubuntuyuko-VirtualBox: /etc
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
-----Info: (coreutils.info.gz)date invocation, 40 lines --Top------------------
Welcome to Info version 6.1.  Type H for help, h for tutorial.
```
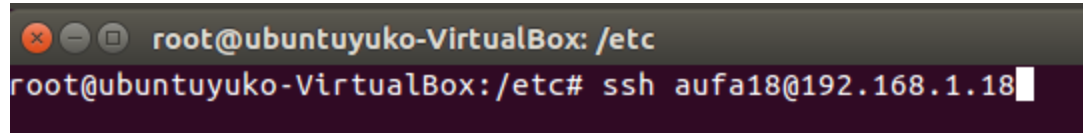
Modul 10

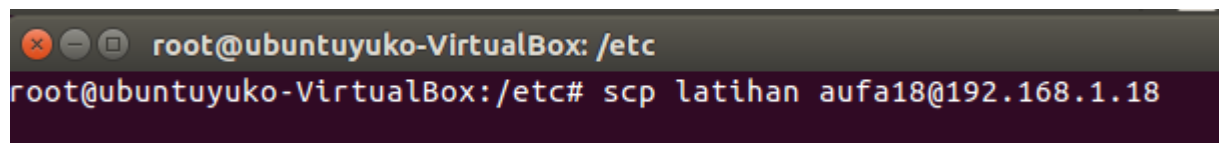Terdapat sebuah sistem Linux dengan ip dan username sebagai berikut:

- IP: 192.168.1.18
- username: aufa18

1. Jalankan Perintah meremote komputer aufa:

```
root@ubuntuyuko-VirtualBox: /etc
root@ubuntuyuko-VirtualBox:/etc# ssh aufa18@192.168.1.18
```

2. Jalankan Perintah mengcopy file latihan ke komputer aufa:

```
root@ubuntuyuko-VirtualBox: /etc
root@ubuntuyuko-VirtualBox:/etc# scp latihan aufa18@192.168.1.18
```