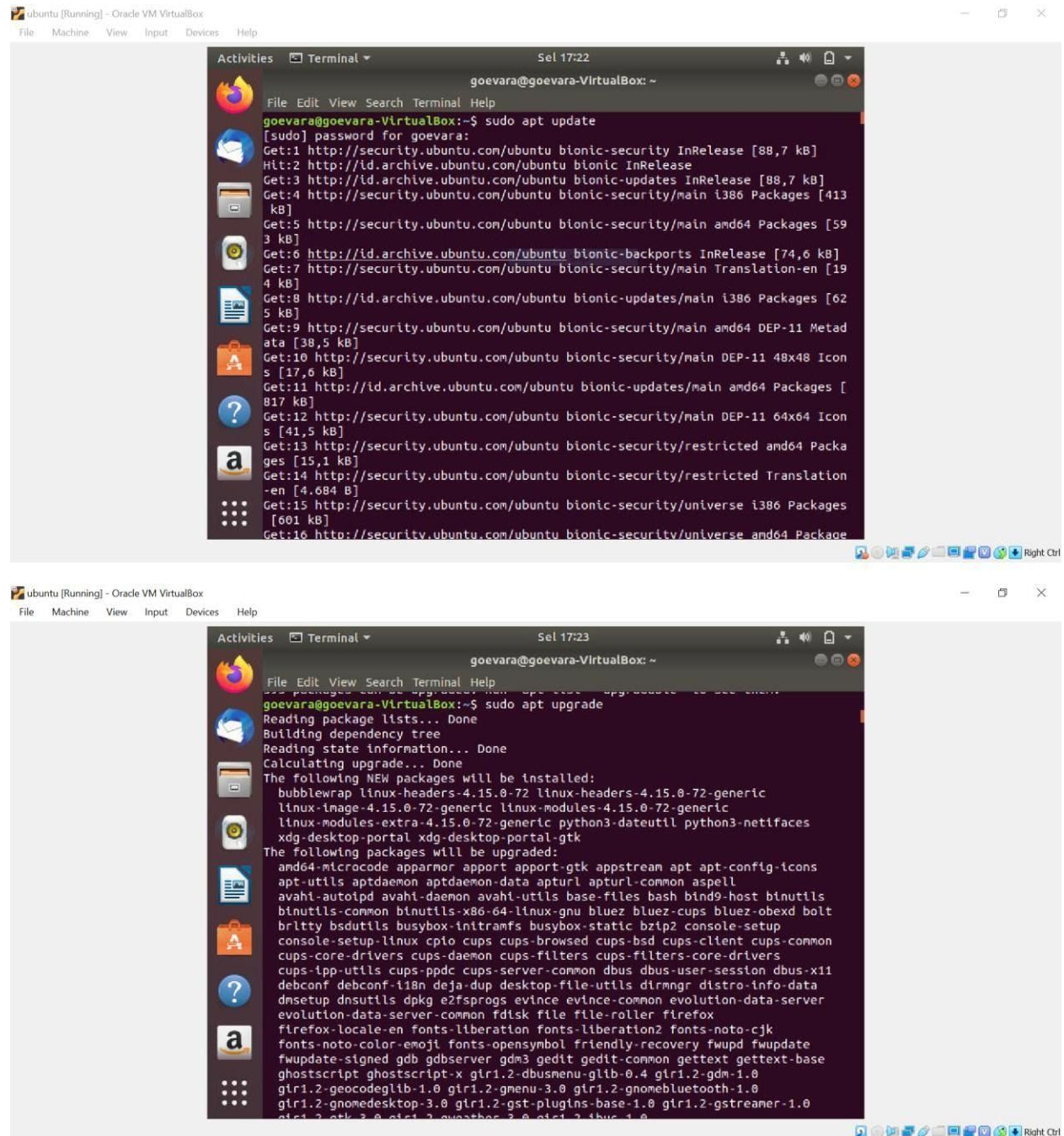


Nama : Dzaki Fadhlurrohman

NIM : L200180064

Kelas : B

Langkah 1



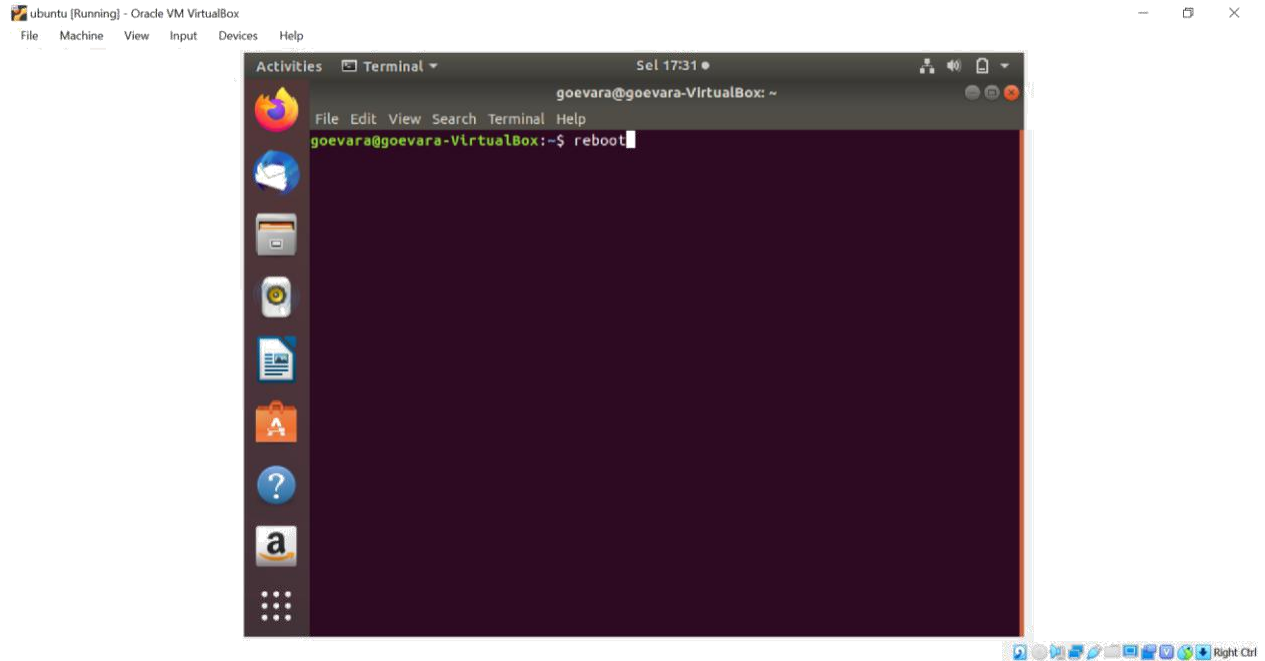
The image shows two screenshots of a terminal window within an Oracle VM VirtualBox environment. The terminal is titled 'Terminal' and shows the user 'goevara' at the prompt 'goevara@goevara-VirtualBox: ~'.

First Screenshot: The user runs the command `sudo apt update`. The terminal output shows the process of updating package lists from various sources, including security updates and main repositories. The output is truncated at the bottom.

```
goevara@goevara-VirtualBox:~$ sudo apt update
[sudo] password for goevara:
Get:1 http://security.ubuntu.com/ubuntu bionic-security InRelease [88,7 kB]
Hit:2 http://id.archive.ubuntu.com/ubuntu bionic InRelease
Get:3 http://id.archive.ubuntu.com/ubuntu bionic-updates InRelease [88,7 kB]
Get:4 http://security.ubuntu.com/ubuntu bionic-security/main i386 Packages [413
kB]
Get:5 http://security.ubuntu.com/ubuntu bionic-security/main amd64 Packages [59
3 kB]
Get:6 http://id.archive.ubuntu.com/ubuntu bionic-backports InRelease [74,6 kB]
Get:7 http://security.ubuntu.com/ubuntu bionic-security/main Translation-en [19
4 kB]
Get:8 http://id.archive.ubuntu.com/ubuntu bionic-updates/main i386 Packages [62
5 kB]
Get:9 http://security.ubuntu.com/ubuntu bionic-security/main amd64 DEP-11 Metad
ata [38,5 kB]
Get:10 http://security.ubuntu.com/ubuntu bionic-security/main DEP-11 48x48 Icon
s [17,6 kB]
Get:11 http://id.archive.ubuntu.com/ubuntu bionic-updates/main amd64 Packages [
817 kB]
Get:12 http://security.ubuntu.com/ubuntu bionic-security/main DEP-11 64x64 Icon
s [41,5 kB]
Get:13 http://security.ubuntu.com/ubuntu bionic-security/restricted amd64 Packa
ges [15,1 kB]
Get:14 http://security.ubuntu.com/ubuntu bionic-security/restricted Translation
-en [4.084 B]
Get:15 http://security.ubuntu.com/ubuntu bionic-security/universe i386 Packages
[601 kB]
Get:16 http://security.ubuntu.com/ubuntu bionic-security/universe amd64 Package
```

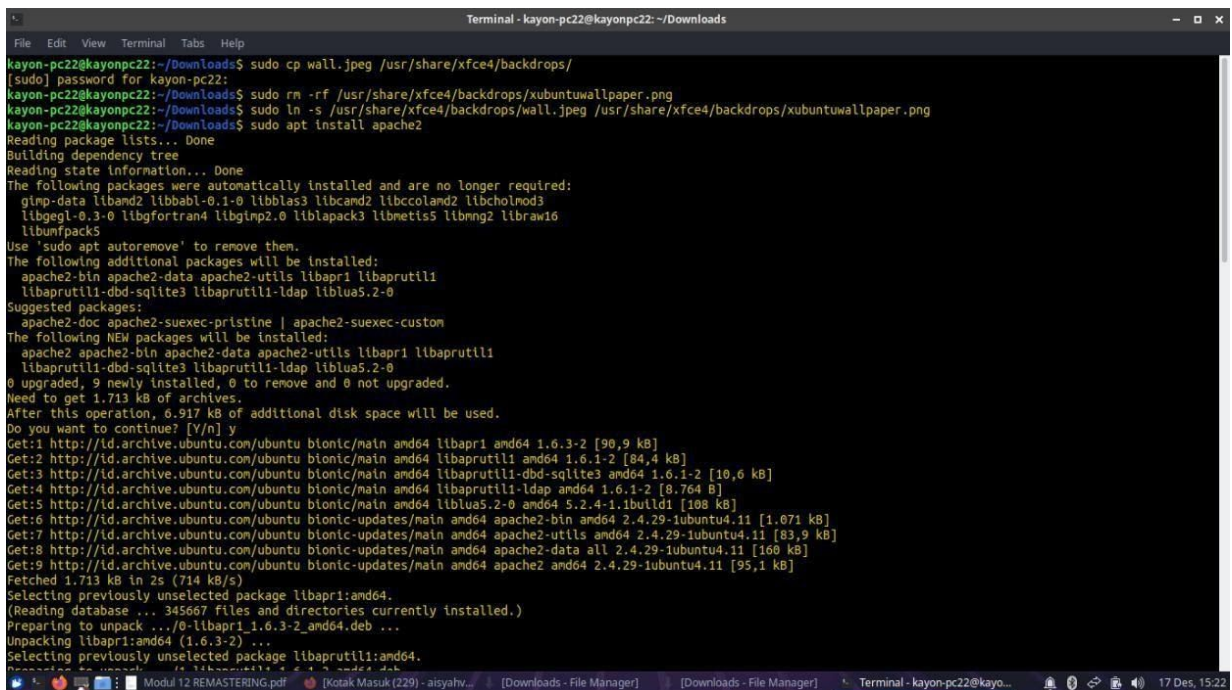
Second Screenshot: The user runs the command `sudo apt upgrade`. The terminal output shows the process of upgrading installed packages. It lists new packages to be installed and packages to be upgraded.

```
goevara@goevara-VirtualBox:~$ sudo apt upgrade
Reading package lists... Done
Building dependency tree
Reading state information... Done
Calculating upgrade... Done
The following NEW packages will be installed:
bubblewrap linux-headers-4.15.0-72 linux-headers-4.15.0-72-generic
linux-image-4.15.0-72-generic linux-modules-4.15.0-72-generic
linux-modules-extra-4.15.0-72-generic python3-dateutil python3-netifaces
xdg-desktop-portal xdg-desktop-portal-gtk
The following packages will be upgraded:
amd64-microcode apparmor apport apport-gtk appstream apt apt-config-icons
apt-utils aptdaemon aptdaemon-data apturl apturl-common aspell
avahi-autoipd avahi-daemon avahi-utils base-files bash bind9-host binutils
binutils-common binutils-x86-64-linux-gnu bluez bluez-cups bluez-obexd bolt
brltty bsdtar busybox-initramfs busybox-static bzip2 console-setup
console-setup-linux cpio cups cups-browsed cups-bsd cups-client cups-common
cups-core-drivers cups-daemon cups-filters cups-filters-core-drivers
cups-ipp-utils cups-ppdc cups-server-common dbus dbus-user-session dbus-x11
debconf debconf-i18n deja-dup desktop-file-utils dirmngr distro-info-data
dmsetup dnsmasq dpkg e2fsprogs evince evince-common evolution-data-server
evolution-data-server-common fdisk file file-roller firefox
firefox-locale-en fonts-liberation fonts-liberation2 fonts-noto-cjk
fonts-noto-color-emoji fonts-opensymbol friendly-recovery fwupd fwupdate
fwupdate-signed gdb gdbserver gdm3 gedit gedit-common gettext gettext-base
ghostscript ghostscript-x gir1.2-dbusmenu-glib-0.4 gir1.2-gdm-1.0
gir1.2-geocodeglib-1.0 gir1.2-gmenu-3.0 gir1.2-gnomebluetooth-1.0
gir1.2-gnomedesktop-3.0 gir1.2-gst-plugins-base-1.0 gir1.2-gstreamer-1.0
gir1.2-gtk-3.0 gir1.2-gweather-3.0 gir1.2-ibus-1.0
```



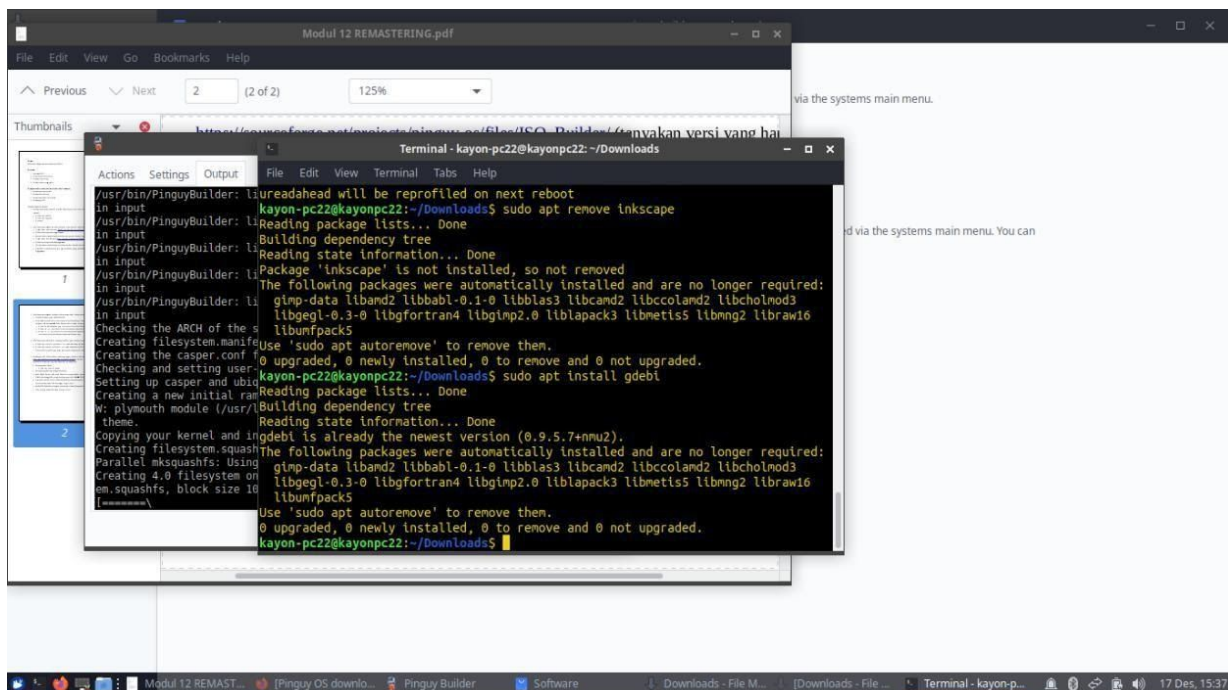
Langkah 2

Langkah 3 & Langkah 4



```
Terminal - kayon-pc22@kayonpc22: ~/Downloads
File Edit View Terminal Tabs Help
Enabling module access_compat.
Enabling module authn_file.
Enabling module authz_user.
Enabling module alias.
Enabling module dir.
Enabling module autoindex.
Enabling module env.
Enabling module mime.
Enabling module negotiation.
Enabling module setenvif.
Enabling module filter.
Enabling module deflate.
Enabling module status.
Enabling module reqtimeout.
Enabling conf charset.
Enabling conf localized-error-pages.
Enabling conf other-vhosts-access-log.
Enabling conf security.
Enabling conf serve-cgi-bin.
Enabling site 000-default.
Created symlink /etc/systemd/system/multi-user.target.wants/apache2.service → /lib/systemd/system/apache2.service.
Created symlink /etc/systemd/system/multi-user.target.wants/apache-htcacheclean.service → /lib/systemd/system/apache-htcacheclean.service.
Processing triggers for libc-bin (2.27-3ubuntu1) ...
Processing triggers for systemd (237-3ubuntu10.33) ...
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
Processing triggers for ufw (0.36-0ubuntu0.18.04.1) ...
Processing triggers for ureadahead (0.100.0-21) ...
ureadahead will be reprofiled on next reboot
kayon-pc22@kayonpc22:~/Downloads$ sudo apt remove inkscape
Reading package lists... Done
Building dependency tree
Reading state information... Done
Package 'inkscape' is not installed, so not removed
The following packages were automatically installed and are no longer required:
  gimp-data libband2 libbabi-0.1-0 libblas3 libcamd2 libccolamd2 libcholmod3
  libgegl-0.3-0 libgfortran4 libgimp2.0 liblapack3 libmetis5 libmng2 libraw16
  libunifont5
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
kayon-pc22@kayonpc22:~/Downloads$
```

Langkah 5



```
Modul 12 REMASTERING.pdf
File Edit View Go Bookmarks Help
Previous Next 2 (2 of 2) 125%
Thumbnail
Actions Settings Output
Terminal - kayon-pc22@kayonpc22: ~/Downloads
File Edit View Terminal Tabs Help
/usr/bin/PinguyBuilder: ureadahead will be reprofiled on next reboot
in input kayon-pc22@kayonpc22:~/Downloads$ sudo apt remove inkscape
/usr/bin/PinguyBuilder: Reading package lists... Done
in input Building dependency tree
/usr/bin/PinguyBuilder: Reading state information... Done
in input Package 'inkscape' is not installed, so not removed
/usr/bin/PinguyBuilder: The following packages were automatically installed and are no longer required:
in input gimp-data libband2 libbabi-0.1-0 libblas3 libcamd2 libccolamd2 libcholmod3
in input libgegl-0.3-0 libgfortran4 libgimp2.0 liblapack3 libmetis5 libmng2 libraw16
in input libunifont5
in input Use 'sudo apt autoremove' to remove them.
in input 0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
kayon-pc22@kayonpc22:~/Downloads$ sudo apt install gdebi
Reading package lists... Done
Building dependency tree
Reading state information... Done
gdebi is already the newest version (0.9.5.7+nmu2).
The following packages were automatically installed and are no longer required:
  gimp-data libband2 libbabi-0.1-0 libblas3 libcamd2 libccolamd2 libcholmod3
  libgegl-0.3-0 libgfortran4 libgimp2.0 liblapack3 libmetis5 libmng2 libraw16
  libunifont5
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
kayon-pc22@kayonpc22:~/Downloads$
```

