

Jaringan Komputer
CC Sampang
2011

Oleh:

Idris Winarno

Agenda

- Instalasi Linux Ubuntu
- Instalasi Web Server & Database MySQL

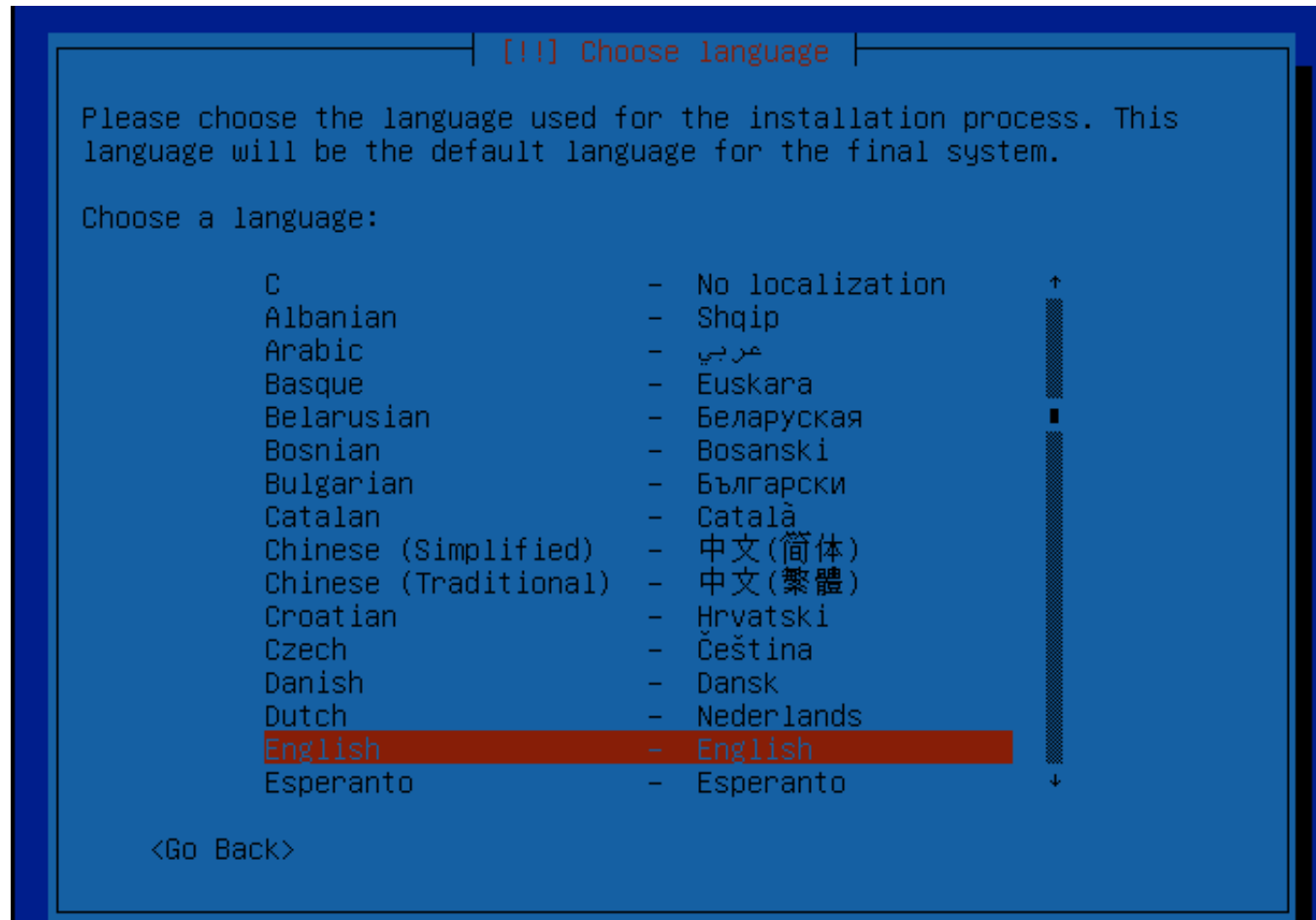
INSTALASI LINUX UBUNTU

Pemilihan menu instalasi

- Pilih booting melalui LAN card dengan menekan tombol F12 waktu booting
- Ketik “ubuntu” kemudian enter



Pilih Bahasa



Pilih Negara

[!] Choose language

Based on your language, you are probably located in one of these countries or regions.

Choose a country, territory or area:

- Antigua and Barbuda
- Australia
- Botswana
- Canada
- Hong Kong
- India
- Ireland
- New Zealand
- Nigeria
- Philippines
- Singapore
- South Africa
- United Kingdom
- United States
- Zimbabwe
- Other

<Go Back>

[!] Choose language

The continent or region in which the desired country is located.

Choose a continent or region:

- Africa
- Antarctica
- Asia
- Atlantic Ocean
- Caribbean
- Central America
- Europe
- Indian Ocean
- North America
- Oceania
- South America

<Go Back>

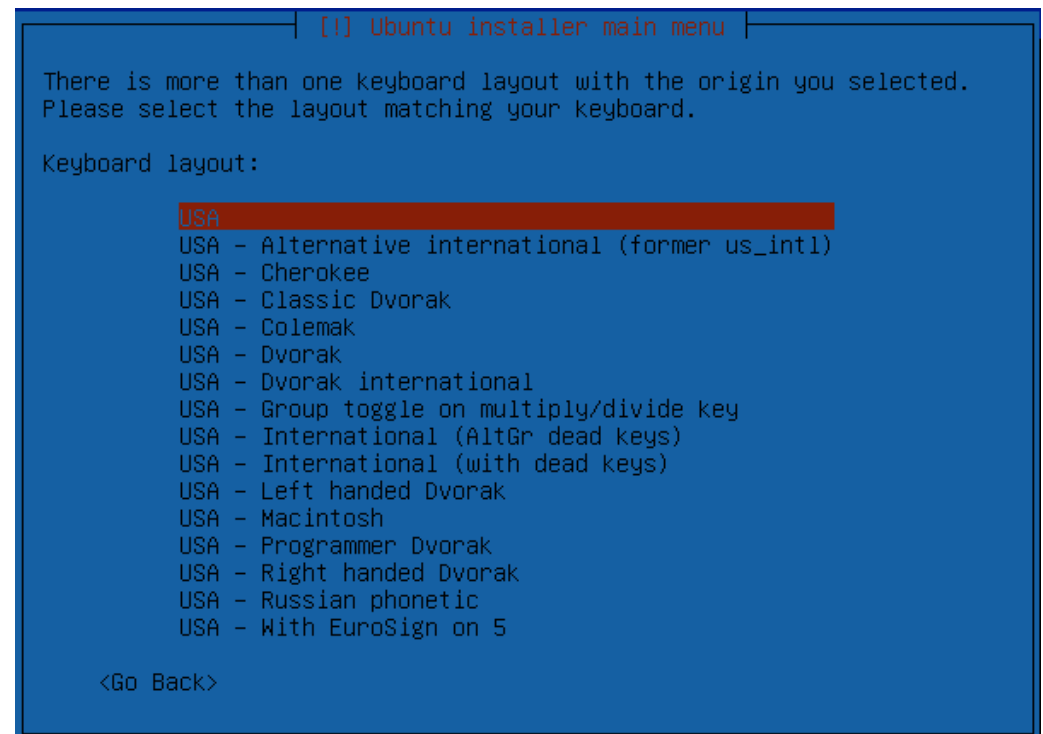
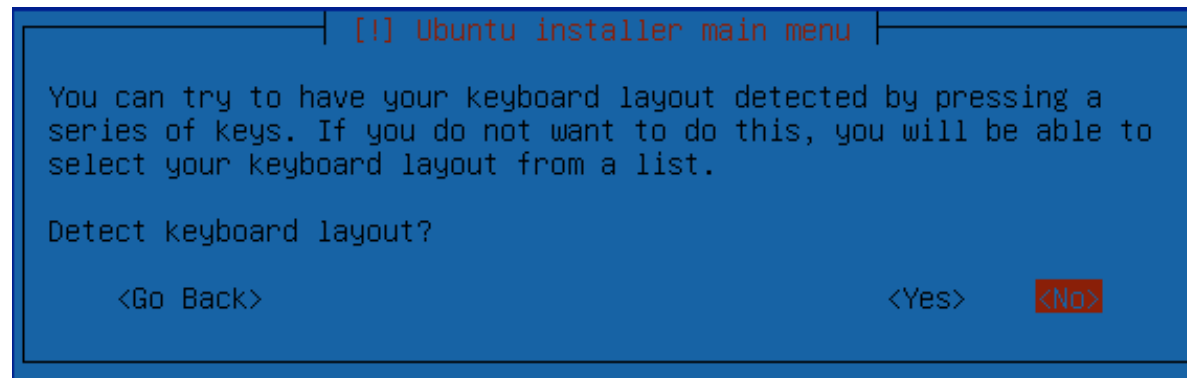
[!] Choose language

Choose a country, territory or area:

- Afghanistan
- Bahrain
- Bangladesh
- Bhutan
- Brunei Darussalam
- Cambodia
- China
- Hong Kong
- India
- Indonesia
- Iran, Islamic Republic of
- Iraq
- Israel
- Japan
- Jordan
- Kazakhstan
- Korea, Democratic People's Republic of
- Korea, Republic of
- Kuwait

<Go Back>

Pilih Jenis Keyboard



Masukkan hostname

[!] Configure the network

Please enter the hostname for this system.

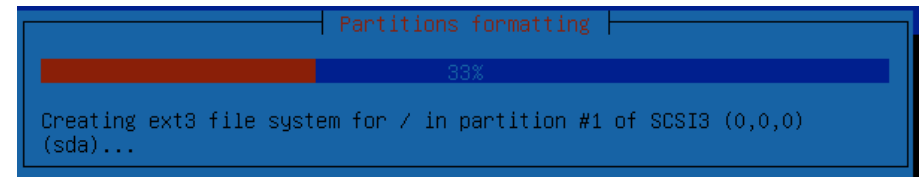
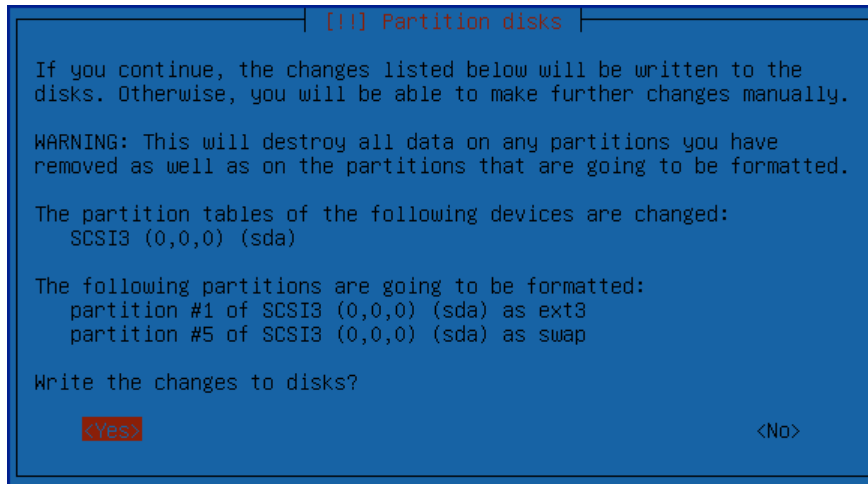
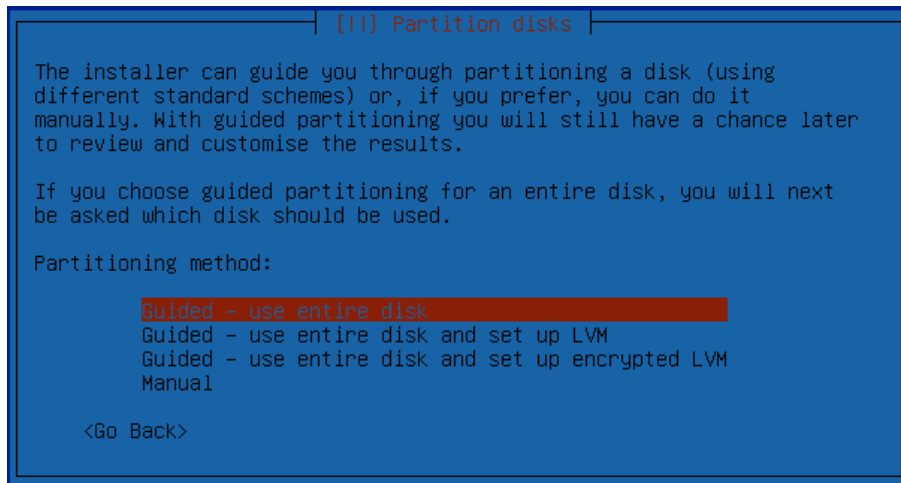
The hostname is a single word that identifies your system to the network. If you don't know what your hostname should be, consult your network administrator. If you are setting up your own home network, you can make something up here.

Hostname:

ubuntu

<Go Back> <Continue>

Memilih Metode Partisi



Masukkan Username dan Password untuk user baru

[!!] Set up users and passwords

A user account will be created for you to use instead of the root account for non-administrative activities.

Please enter the real name of this user. This information will be used for instance as default origin for emails sent by this user as well as any program which displays or uses the user's real name. Your full name is a reasonable choice.

Full name for the new user:

idris

<Go Back> <Continue>

[!!] Set up users and passwords

A good password will contain a mixture of letters, numbers and punctuation and should be changed at regular intervals.

Choose a password for the new user:

XXXXXXXX

<Go Back> <Continue>

[!!] Set up users and passwords

Please enter the same user password again to verify you have typed it correctly.

Re-enter password to verify:

XXXXXXXX

<Go Back> <Continue>

[!!] Set up users and passwords

You entered a password that consists of less than eight characters, which is considered too weak. You should choose a stronger password.

Use weak password?

<Go Back> <Yes> <No>

Automatic Update

[!] Select and install software

Applying updates on a frequent basis is an important part of keeping your system secure.

By default, updates need to be applied manually using package management tools. Alternatively, you can choose to have this system automatically download and install security updates, or you can choose to manage this system over the web as part of a group of systems using Canonical's Landscape service.

How do you want to manage upgrades on this system?

No automatic updates

Install security updates automatically

Manage system with Landscape

Pemilihan Paket

```
[!] Software selection

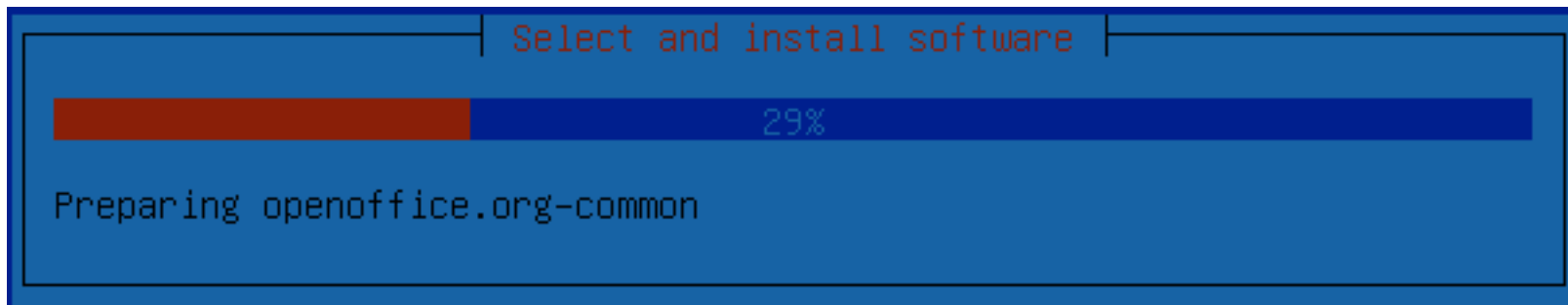
At the moment, only the core of the system is installed. To tune the
system to your needs, you can choose to install one or more of the
following predefined collections of software.

Choose software to install:

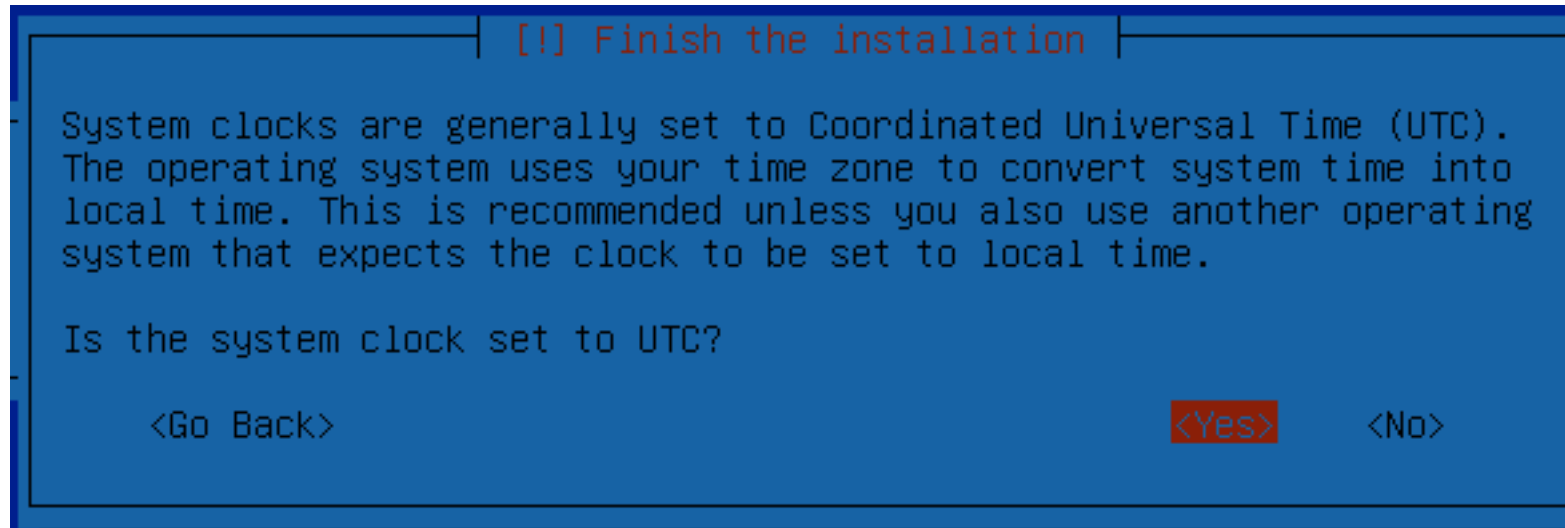
[ ] Audio creation and editing suite↑
[ ] Edubuntu KDE desktop
[ ] Edubuntu desktop
[ ] Kubuntu desktop
[ ] LADSPA and DSSI audio plugins
[ ] Mythbuntu additional roles
[ ] Mythbuntu frontend
[ ] Mythbuntu master backend
[ ] Mythbuntu slave backend
[ ] Ubuntu MID edition
[ ] Ubuntu Netbook Remix
[*] Ubuntu desktop
[ ] Video creation and editing suite
[ ] Xubuntu desktop
[ ] Manual package selection↓

<Continue>
```

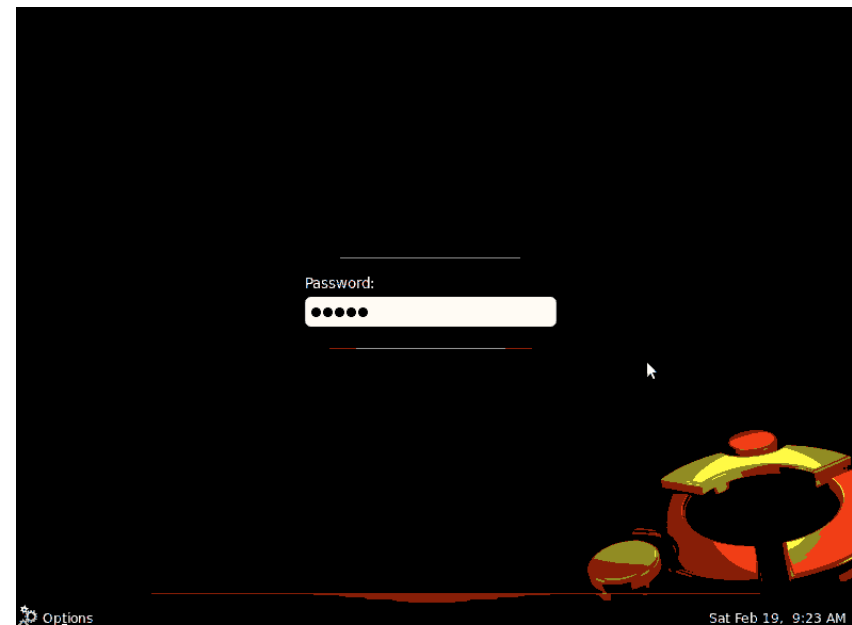
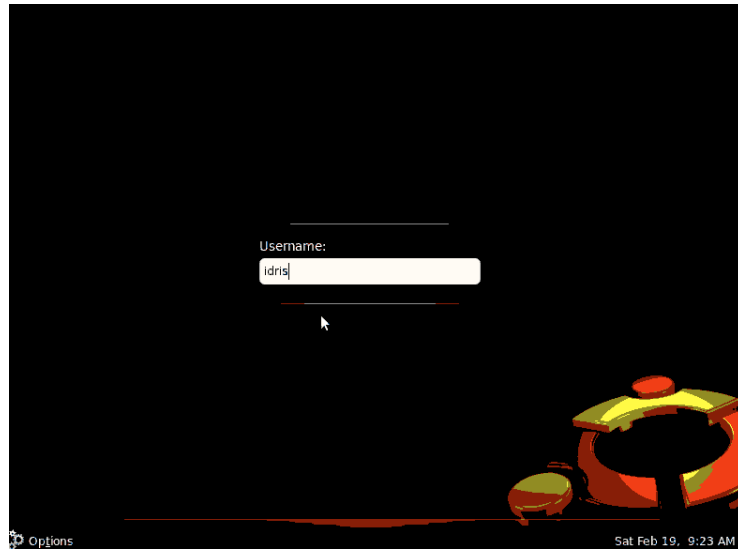
Proses Instalasi Paket



Proses Instalasi Selesai



Login pada Ubuntu

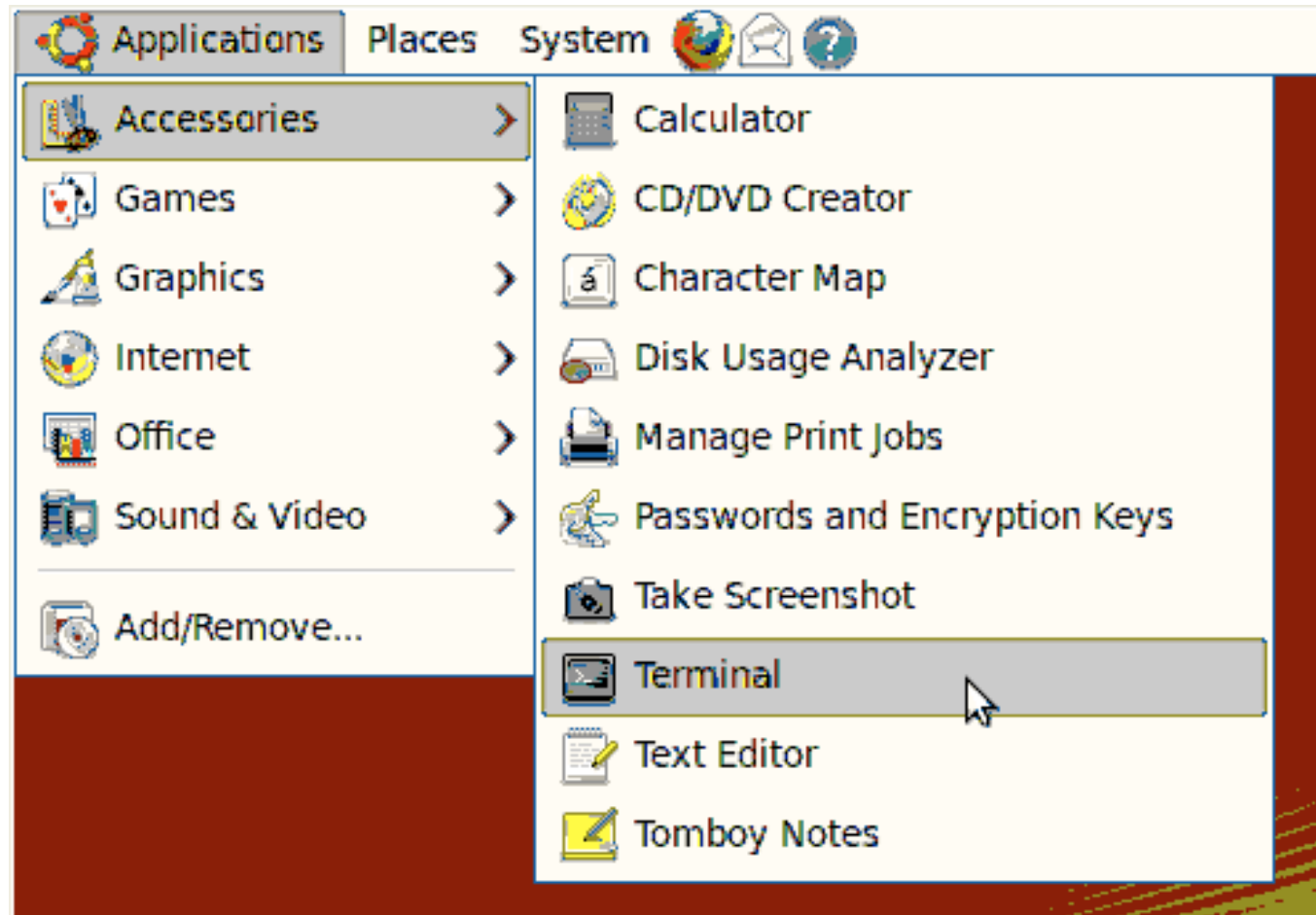


INSTALASI WEB SERVER DAN DATABASE MYSQL

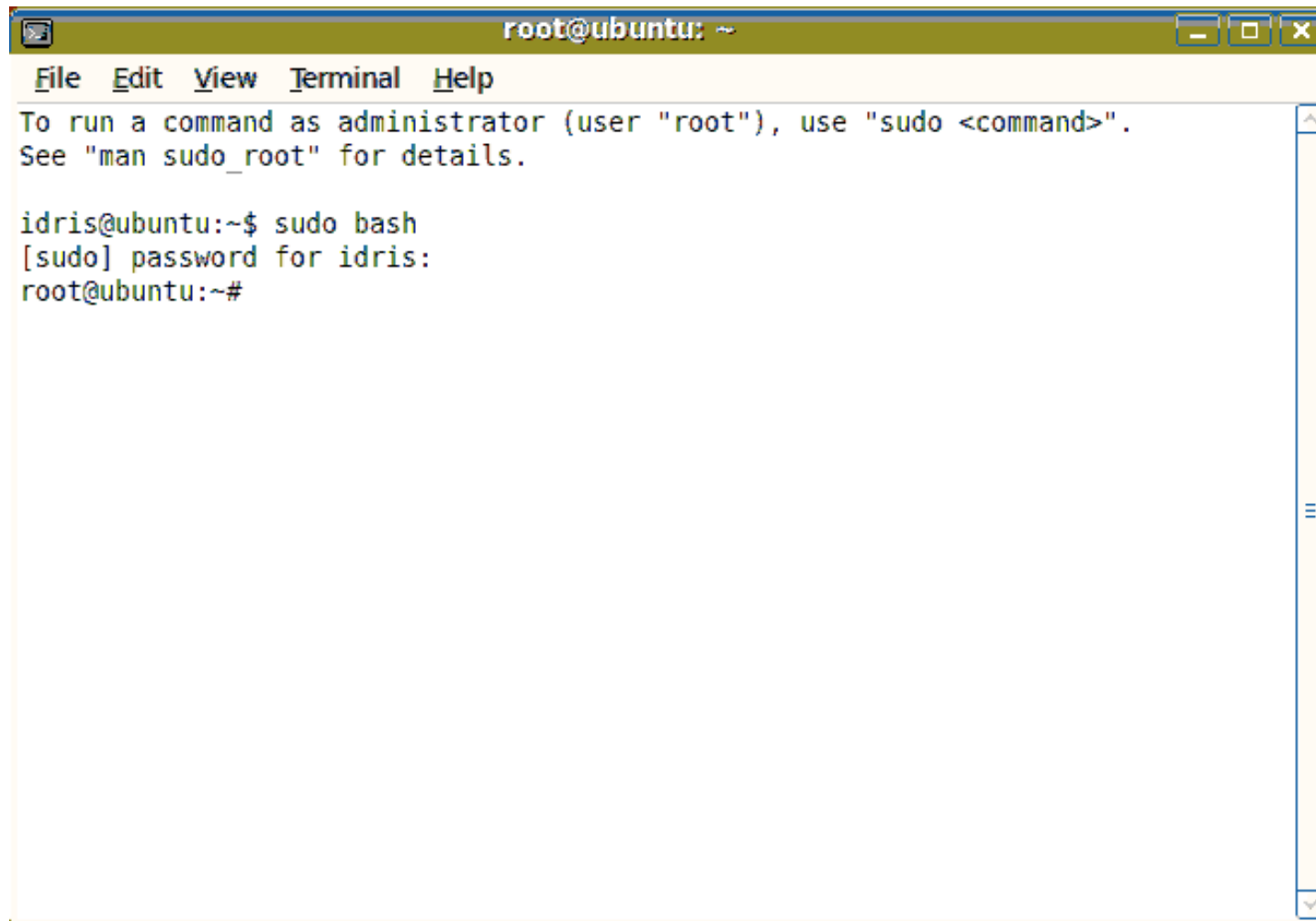
Paket-Paket yang dibutuhkan

- Apache2
- PHP5
- MySQL
- PhpMyAdmin

Buka aplikasi terminal

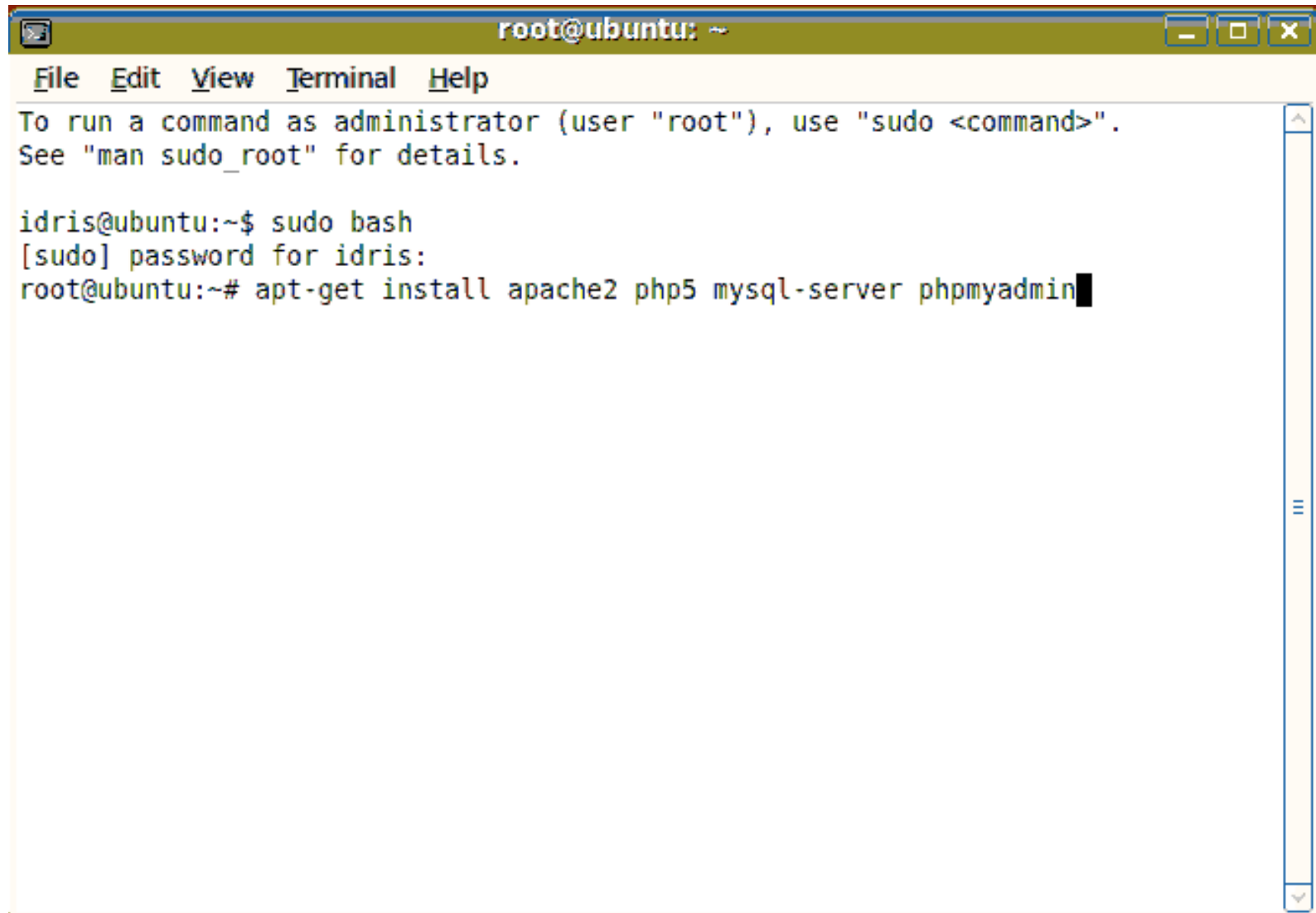


Login sebagai Root



```
root@ubuntu: ~  
File Edit View Terminal Help  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
idris@ubuntu:~$ sudo bash  
[sudo] password for idris:  
root@ubuntu:~#
```

Instalasi web server



The image shows a terminal window titled "root@ubuntu: ~". The window has a menu bar with "File", "Edit", "View", "Terminal", and "Help". The terminal output is as follows:

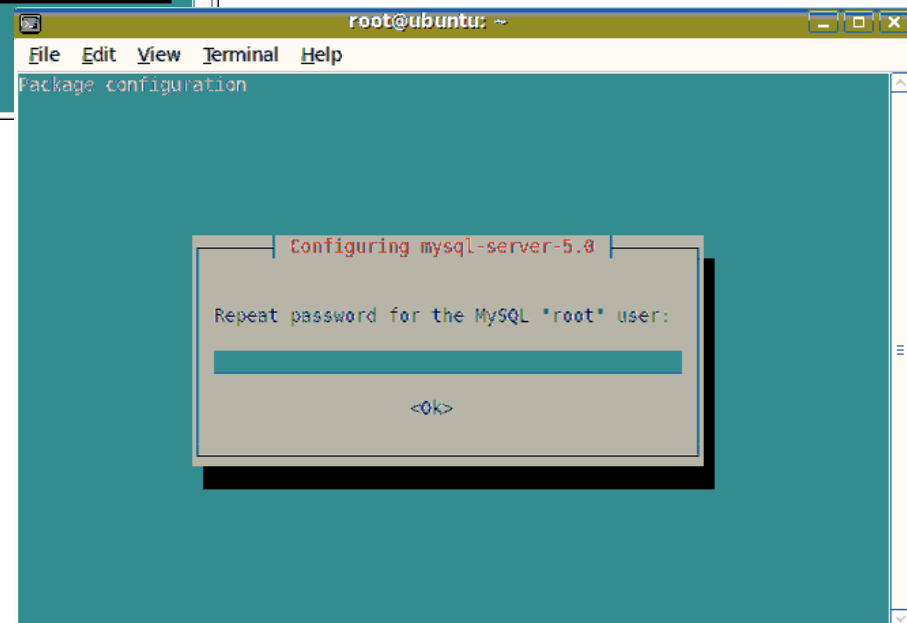
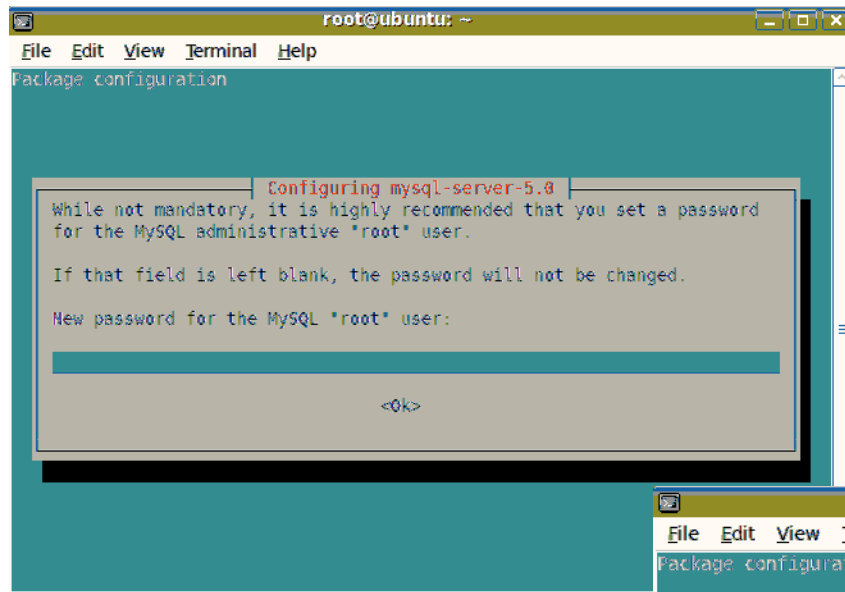
```
root@ubuntu: ~
File Edit View Terminal Help
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

idris@ubuntu:~$ sudo bash
[sudo] password for idris:
root@ubuntu:~# apt-get install apache2 php5 mysql-server phpmyadmin
```

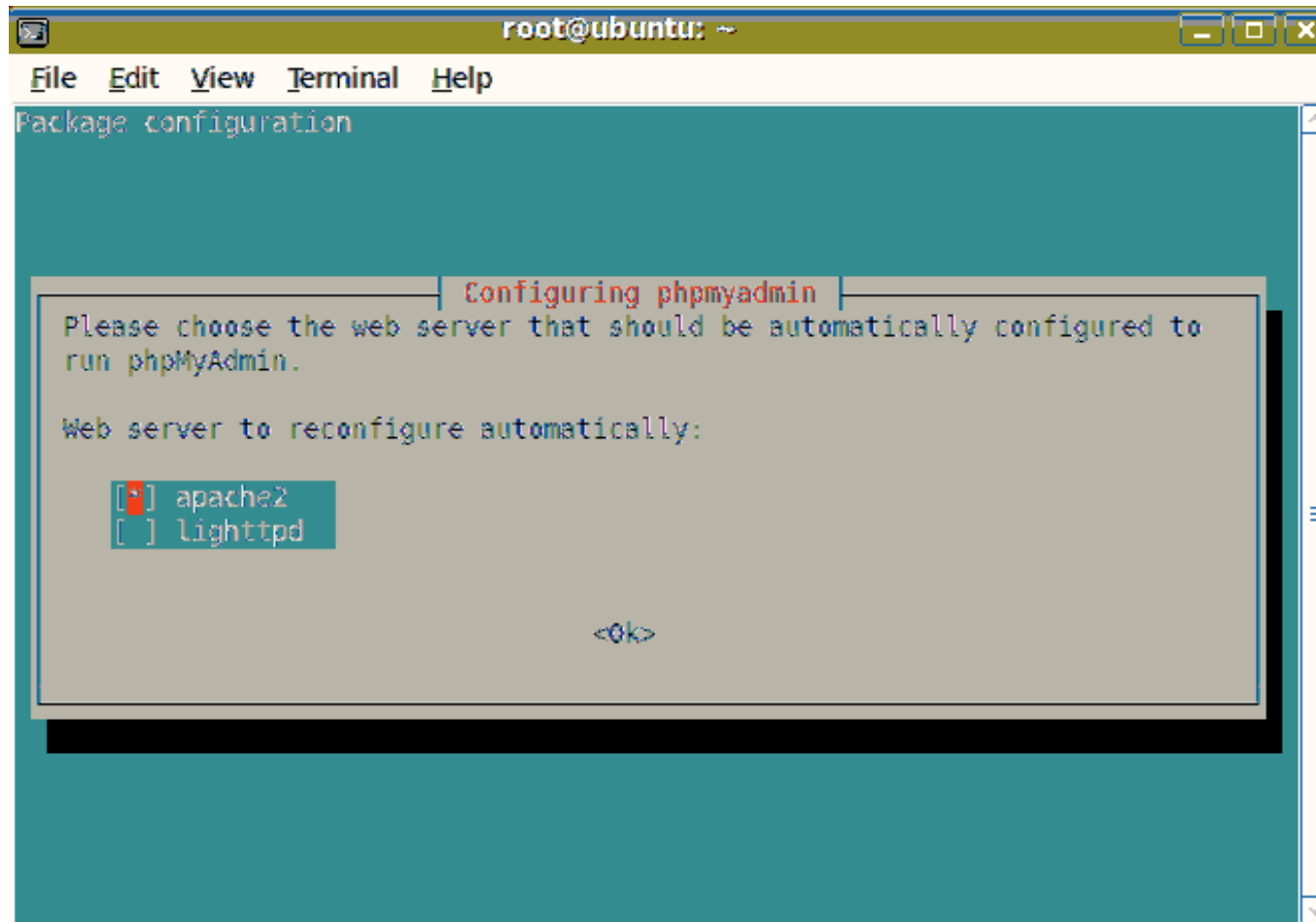
Konfirmasi Instalasi

```
root@ubuntu: ~  
File Edit View Terminal Help  
The following extra packages will be installed:  
  apache2-mpm-prefork apache2-utils apache2.2-common dbconfig-common  
  libapache2-mod-php5 libapr1 libaprutil1 libdbd-mysql-perl libdbi-perl  
  libgd2-xpm libhtml-template-perl libmcrypt4 libmysqlclient15off  
  libnet-daemon-perl libplrpc-perl libpq5 libt1-5 mysql-client-5.0  
  mysql-common mysql-server-5.0 mysql-server-core-5.0 php5-common php5-gd  
  php5-mcrypt php5-mysql  
Suggested packages:  
  apache2-doc apache2-suexec apache2-suexec-custom virtual-mysql-client  
  mysql-client postgresql-client php-pear dbshell libgd-tools  
  libipc-sharedcache-perl libmcrypt-dev mcrypt mysql-doc-5.0 tinyca mailx  
The following packages will be REMOVED:  
  libgd2-noxpm  
The following NEW packages will be installed:  
  apache2 apache2-mpm-prefork apache2-utils apache2.2-common dbconfig-common  
  libapache2-mod-php5 libapr1 libaprutil1 libdbd-mysql-perl libdbi-perl  
  libgd2-xpm libhtml-template-perl libmcrypt4 libmysqlclient15off  
  libnet-daemon-perl libplrpc-perl libpq5 libt1-5 mysql-client-5.0  
  mysql-common mysql-server mysql-server-5.0 mysql-server-core-5.0 php5  
  php5-common php5-gd php5-mcrypt php5-mysql phpmyadmin  
0 upgraded, 29 newly installed, 1 to remove and 0 not upgraded.  
Need to get 47.1MB of archives.  
After this operation, 143MB of additional disk space will be used.  
Do you want to continue [Y/n]? y
```

Masukkan password baru untuk MySQL



Pilih Jenis Web Server untuk PhpMyAdmin



```
root@ubuntu: ~
File Edit View Terminal Help
Package configuration

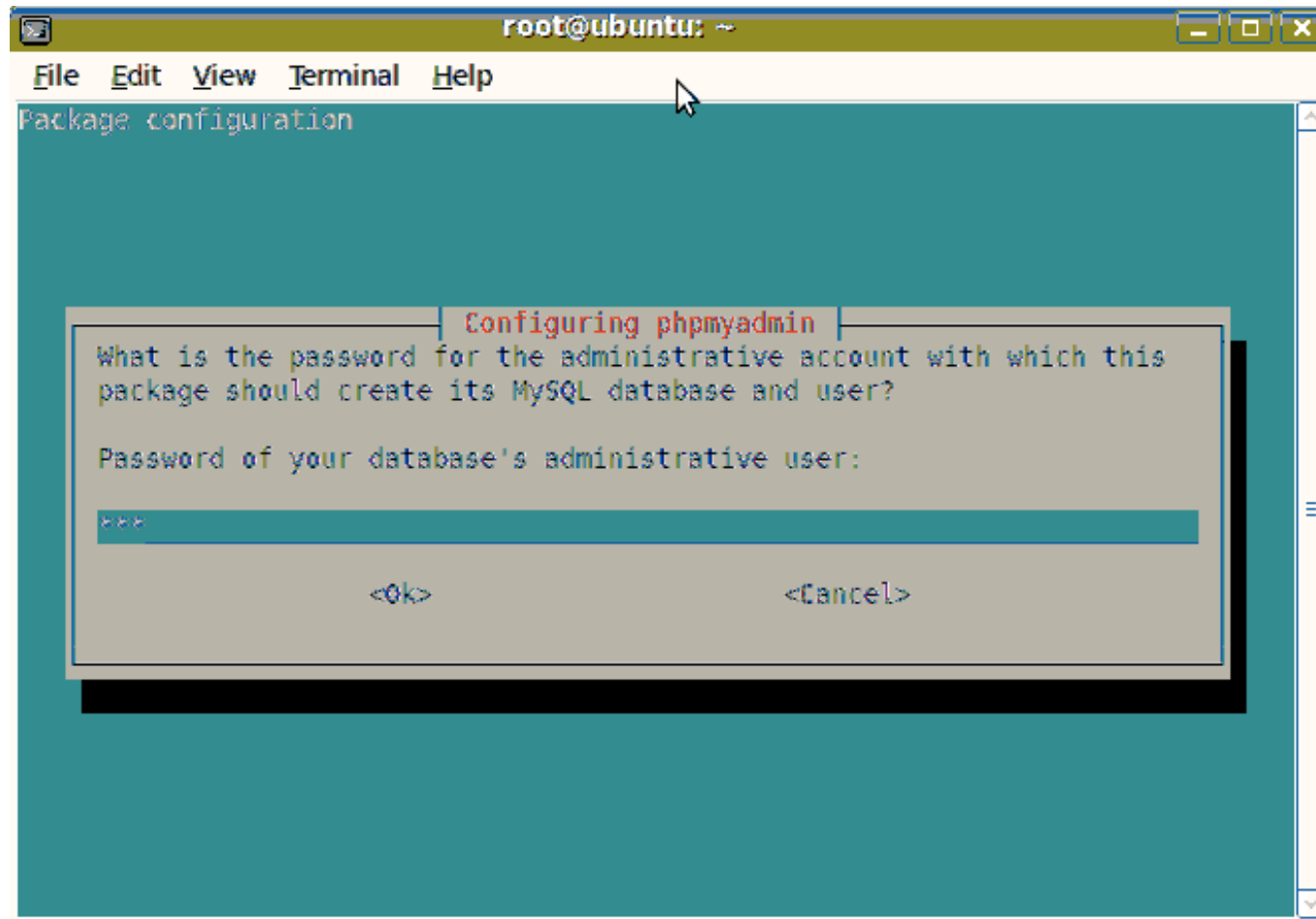
Configuring phpmyadmin
Please choose the web server that should be automatically configured to
run phpMyAdmin.

Web server to reconfigure automatically:

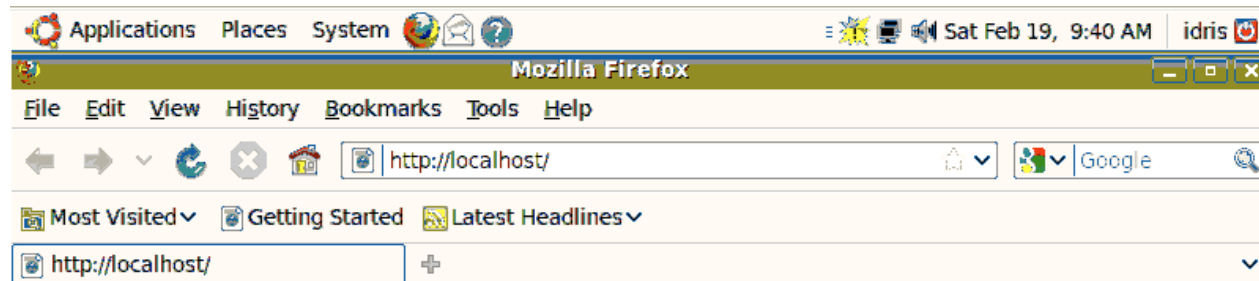
[ * ] apache2
[ ] lighttpd

<ok>
```

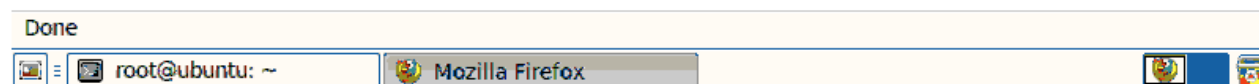
Password MySQL untuk PhpMyAdmin



Ujicoba di Webserver

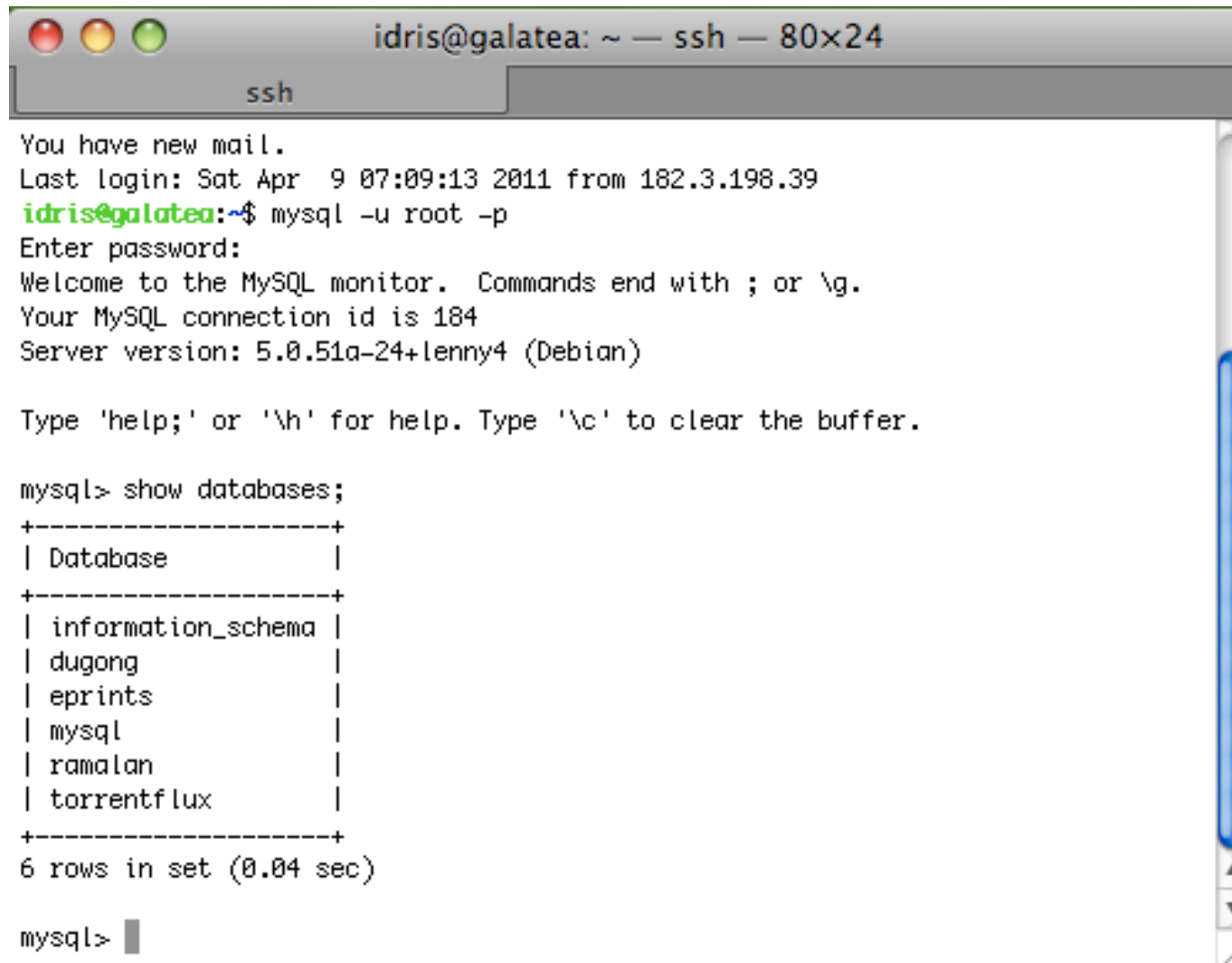


It works!



UJICOBADA DATABASE

Akses Menggunakan CLI

A terminal window titled 'idris@galatea: ~ — ssh — 80x24' with a tab labeled 'ssh'. The window shows a notification for new mail, login information, and the execution of the 'mysql' command. The MySQL prompt shows the output of 'show databases;', listing six databases: information_schema, dugong, eprints, mysql, ramalan, and torrentflux. The terminal ends with the MySQL prompt 'mysql>' and a cursor.

```
idris@galatea: ~ — ssh — 80x24
ssh
You have new mail.
Last login: Sat Apr  9 07:09:13 2011 from 182.3.198.39
idris@galatea:~$ mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 184
Server version: 5.0.51a-24+lenny4 (Debian)

Type 'help;' or '\h' for help. Type '\c' to clear the buffer.

mysql> show databases;
+-----+
| Database                |
+-----+
| information_schema      |
| dugong                  |
| eprints                 |
| mysql                   |
| ramalan                 |
| torrentflux            |
+-----+
6 rows in set (0.04 sec)

mysql> █
```

PHPMyAdmin

The screenshot shows the PHPMyAdmin 3.2.4 web interface in a browser window. The browser's address bar shows the URL `http://localhost/phpmyadmin/`. The page title is `localhost / localhost | phpMyAdmin 3.2.4`. The interface includes a navigation menu on the left with a list of databases: alert (1), cdcol (1), conference (26), cyber (18), db_adekdik (2), ifsa (1), information_schema (28), mysql (23), nac (3), test (2), and uppm (1). Below the list is the text "Please select a database". The main content area is titled "Server: localhost" and contains several sections: "Actions" with a "MySQL localhost" sub-section featuring a "Create new database" form with a text input, a "Collation" dropdown set to "utf8_general_ci", and a "Create" button; an "Interface" section with "Language" set to "English", "Theme / Style" set to "Original", a "Reset" button for "Custom color", and "Font size" set to "82%"; and a "MySQL" section displaying server details: "Server: Localhost via UNIX socket", "Server version: 5.1.44", "Protocol version: 10", "User: root@localhost", and "MySQL charset: UTF-8 Unicode (utf8)". A "Web server" section shows: "Apache/2.2.14 (Unix) DAV/2 mod_ssl/2.2.14 OpenSSL/0.9.8l PHP/5.3.1 mod_perl/2.0.4 Perl/v5.10.1", "MySQL client version: 5.1.44", and "PHP extension: mysql". A "phpMyAdmin" section shows "Version information: 3.2.4" and links for "Documentation" and "Wiki". The browser's status bar at the bottom shows "Done" and "Proxy: None".

Semoga Bermanfaat

SELESAI