



LEMBAR KERJA PRAKTIKUM CLOUD COMPUTING

INSTALASI DAN KONFIGURASI LAYANAN HOSTING DENGAN LAMPP (SAAS)

IDENTITAS:

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Kelas:	D
Hari, Tanggal:	21 Februari 2020

CONTOH ISIAN:

1. Tampilkan hasil login pada Ubuntu Server dengan menggunakan PuTTY

```
root@eternal-loops: ~  
login as: root  
root@45.76.145.117's password:  
Welcome to Ubuntu 18.04.3 LTS (GNU/Linux 4.15.0-45-generic x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:        https://ubuntu.com/advantage  
  
System information as of Mon Feb 17 21:56:08 WIB 2020  
  
System load:  0.0                Processes:            146  
Usage of /:   84.9% of 19.63GB   Users logged in:     1  
Memory usage: 78%                IP address for ens3: 45.76.145.117  
Swap usage:   33%  
  
* Multipass 1.0 is out! Get Ubuntu VMs on demand on your Linux, Windows or  
  Mac. Supports cloud-init for fast, local, cloud devops simulation.  
  
    https://multipass.run/  
  
* Canonical Livepatch is available for installation.  
  - Reduce system reboots and improve kernel security. Activate at:  
    https://ubuntu.com/livepatch  
  
187 packages can be updated.  
141 updates are security updates.  
  
*** System restart required ***  
Last login: Sun Feb  2 19:18:13 2020 from 180.254.121.187  
root@eternal-loops:~#
```

2. Deskripsikan parameter yang digunakan untuk keluar dari akun root

```
$ exit
```

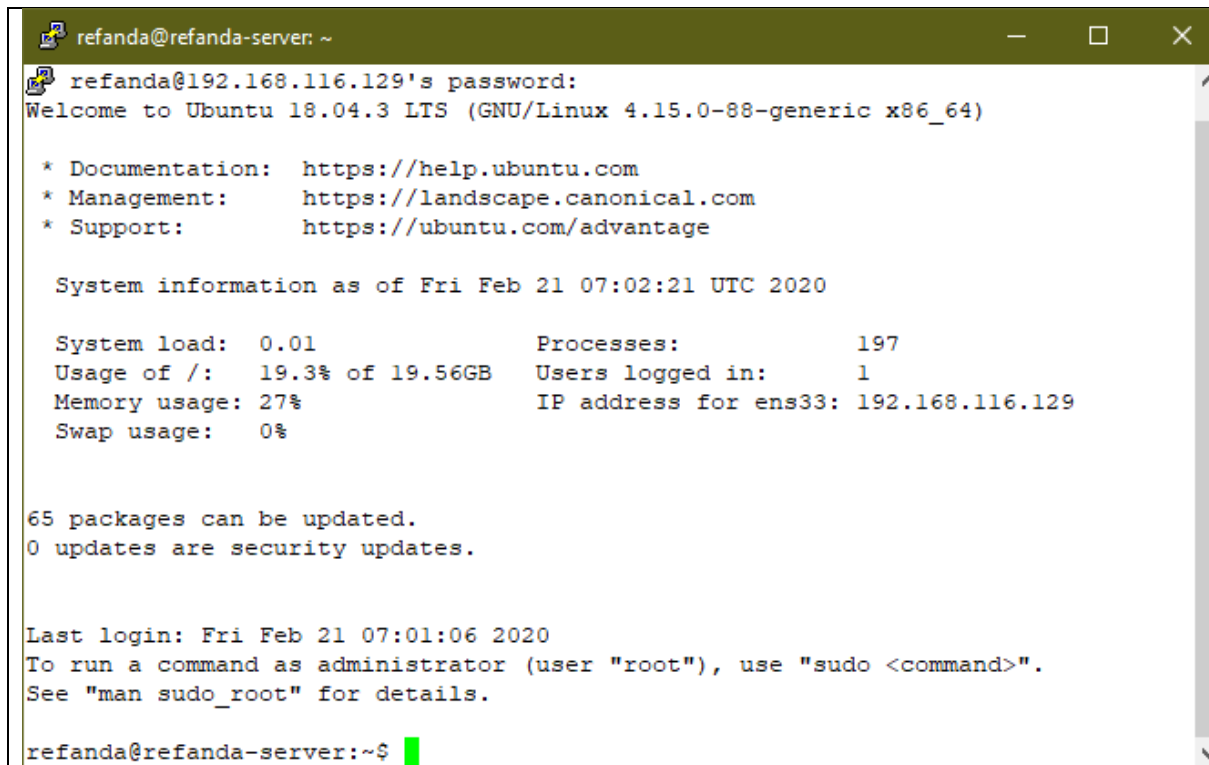
Perintah exit digunakan untuk keluar dari sesi akun aktif

3. Tampilkan pesan kesalahan pada saat login PHPMyAdmin



TUGAS BAGIAN PERTAMA:

1. Tampilan hasil login Server Ubuntu pada PuTTY (tampilan dashboard/motd)



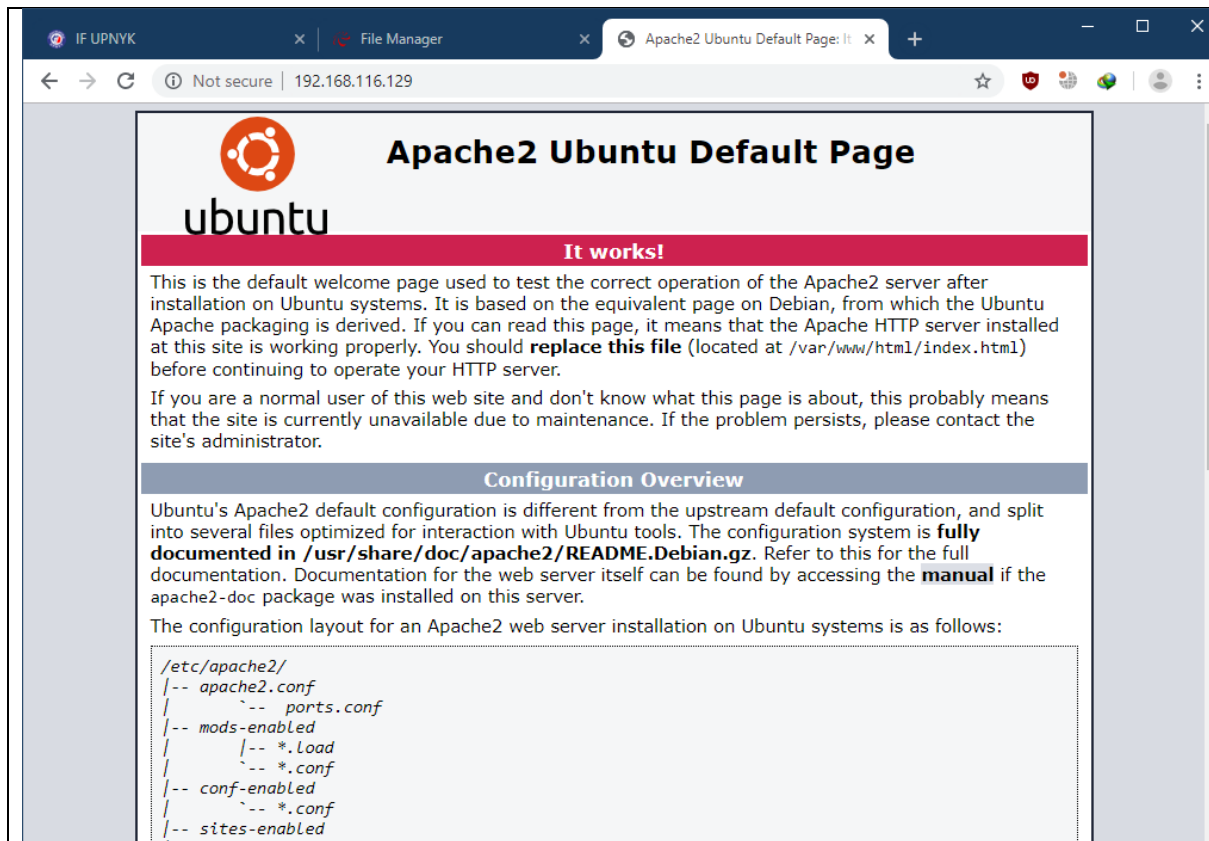
```
refanda@refanda-server: ~  
refanda@192.168.116.129's password:  
Welcome to Ubuntu 18.04.3 LTS (GNU/Linux 4.15.0-88-generic x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:        https://ubuntu.com/advantage  
  
System information as of Fri Feb 21 07:02:21 UTC 2020  
  
System load:  0.01               Processes:            197  
Usage of /:   19.3% of 19.56GB   Users logged in:     1  
Memory usage: 27%               IP address for ens33: 192.168.116.129  
Swap usage:   0%  
  
65 packages can be updated.  
0 updates are security updates.  
  
Last login: Fri Feb 21 07:01:06 2020  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
refanda@refanda-server:~$
```

2. Deskripsikan parameter atau cara untuk mendapatkan IP dari Server Ubuntu

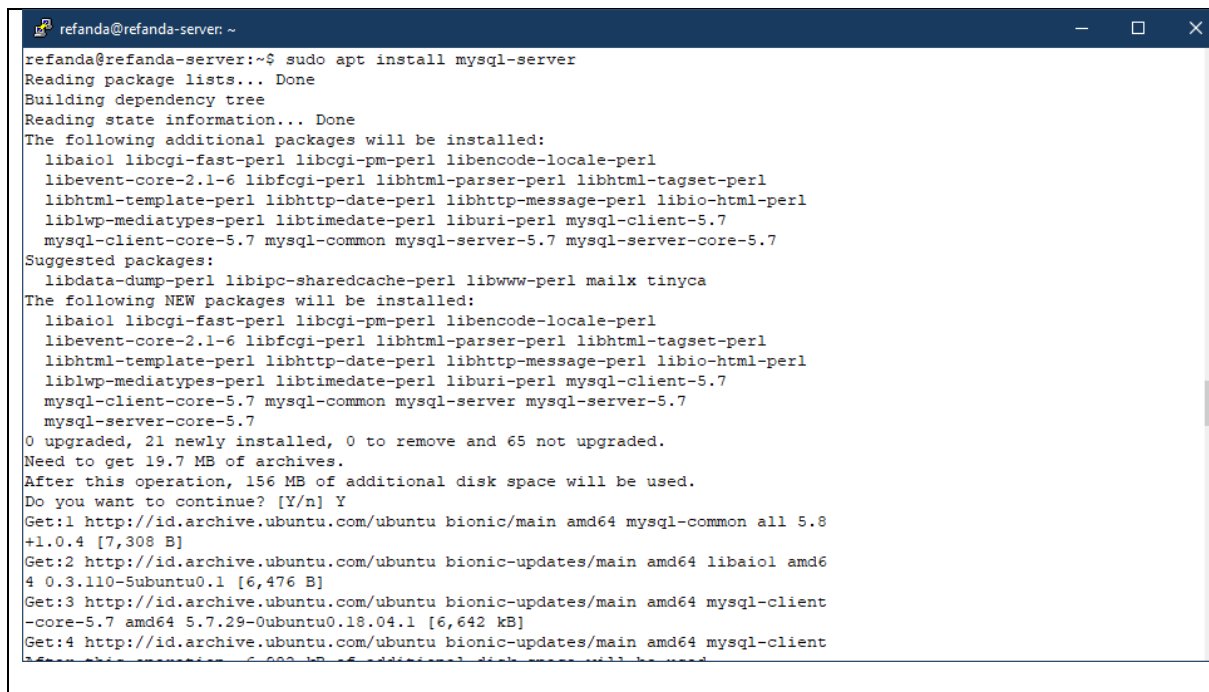
```
$ ifconfig
```

Perintah ifconfig digunakan untuk menampilkan keterangan jaringan pada linux. Kemudian dicari IP yang terdapat pada ens33 (bagian inet)

3. Tampilkan hasil instalasi Apache (Ubuntu Default Page) pada browser (perlihatkan juga address bar pada browser)



4. Tampilkan proses instalasi MySQL




```
refanda@refanda-server: ~  
refanda@refanda-server:~$ sudo mysql_secure_installation  
  
Securing the MySQL server deployment.  
  
Connecting to MySQL using a blank password.  
  
VALIDATE PASSWORD PLUGIN can be used to test passwords  
and improve security. It checks the strength of password  
and allows the users to set only those passwords which are  
secure enough. Would you like to setup VALIDATE PASSWORD plugin?  
  
Press y|Y for Yes, any other key for No: No  
Please set the password for root here.  
  
New password:  
  
Re-enter new password:  
By default, a MySQL installation has an anonymous user,  
allowing anyone to log into MySQL without having to have  
a user account created for them. This is intended only for  
testing, and to make the installation go a bit smoother.  
You should remove them before moving into a production  
environment.  
  
Remove anonymous users? (Press y|Y for Yes, any other key for No) : Y  
Success.  
  
Normally, root should only be allowed to connect from  
'localhost'. This ensures that someone cannot guess at  
the root password from the network.  
  
Disallow root login remotely? (Press y|Y for Yes, any other key for No) : Y  
Success.  
  
By default, MySQL comes with a database named 'test' that  
anyone can access. This is also intended only for testing,  
and should be removed before moving into a production  
environment.  
  
Remove test database and access to it? (Press y|Y for Yes, any other key for No) : Y  
- Dropping test database...  
Success.  
- Removing privileges on test database...  
Success.  
  
Reloading the privilege tables will ensure that all changes  
made so far will take effect immediately.  
  
Reload privilege tables now? (Press y|Y for Yes, any other key for No) : Y  
Success.  
  
All done!  
refanda@refanda-server:~$
```

5. Tampilkan keberhasilan instalasi PHP dengan cara menampilkan info.php pada browser

IF UPNYK x File Manager x phpinfo()

Not secure | 192.168.116.129/info.php

PHP Version 7.2.24-0ubuntu0.18.04.3




System	Linux refanda-server 4.15.0-88-generic #88-Ubuntu SMP Tue Feb 11 20:11:34 UTC 2020 x86_64
Build Date	Feb 11 2020 15:55:52
Server API	Apache 2.0 Handler
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php/7.2/apache2
Loaded Configuration File	/etc/php/7.2/apache2/php.ini
Scan this dir for additional .ini files	/etc/php/7.2/apache2/conf.d
Additional .ini files parsed	/etc/php/7.2/apache2/conf.d/10-mysqld.ini, /etc/php/7.2/apache2/conf.d/10-opcache.ini, /etc/php/7.2/apache2/conf.d/10-pdo.ini, /etc/php/7.2/apache2/conf.d/20-calendar.ini, /etc/php/7.2/apache2/conf.d/20-ctype.ini, /etc/php/7.2/apache2/conf.d/20-exif.ini, /etc/php/7.2/apache2/conf.d/20-fileinfo.ini, /etc/php/7.2/apache2/conf.d/20-ftp.ini, /etc/php/7.2/apache2/conf.d/20-gettext.ini, /etc/php/7.2/apache2/conf.d/20-iconv.ini, /etc/php/7.2/apache2/conf.d/20-json.ini, /etc/php/7.2/apache2/conf.d/20-mysqli.ini, /etc/php/7.2/apache2/conf.d/20-pdo_mysql.ini, /etc/php/7.2/apache2/conf.d/20-phar.ini, /etc/php/7.2/apache2/conf.d/20-posix.ini, /etc/php/7.2/apache2/conf.d/20-readline.ini, /etc/php/7.2/apache2/conf.d/20-shmop.ini, /etc/php/7.2/apache2/conf.d/20-sockets.ini, /etc/php/7.2/apache2/conf.d/20-sysvmsg.ini, /etc/php/7.2/apache2/conf.d/20-sysvsem.ini, /etc/php/7.2/apache2/conf.d/20-tokenizer.ini
PHP API	20170718
PHP Extension	20170718
Zend Extension	320170718
Zend Extension Build	API320170718,NTS
PHP Extension Build	API20170718,NTS
Debug Build	no
Thread Safety	disabled
Zend Signal Handling	enabled
Zend Memory Manager	enabled

6. Tampilkan halaman awal dari login PHPmyAdmin pada browser

IF UPNYK x File Manager x phpMyAdmin

Not secure | 192.168.116.129/phpmyadmin/



Welcome to phpMyAdmin

Language

English

Log in

Username:

Password:

Go

7. Deskripsikan parameter untuk memperbaiki login database (Flush Privileges)

```
$ sudo mysql -u root -p
```

```
mysql> UPDATE mysql.user SET plugin = 'mysql_native_password',  
authentication_string = PASSWORD('123170093') WHERE User = 'root';
```

```
mysql> FLUSH PRIVILEGES;
```

```
mysql> exit;
```

- `mysql -u root -p` digunakan untuk masuk ke mysql cli.
- Perintah `UPDATE` berikutnya digunakan untuk melakukan set password native untuk user root
- `FLUSH PRIVILEGES` digunakan untuk merefresh privileges dari user mysql

8. Tampilkan hasil login WinSCP yang menunjukkan berkas pada Ubuntu Server

The screenshot shows the WinSCP interface with the local file system on the left and the remote file system on the right. The local file system is located at `C:\Users\Lab Informatika\Documents\` and the remote file system is located at `/var/www/html/`.

Name	Size	Type	Changed
..		Parent directory	21 Feb 2020 13:37:57
!!SHARE!!		File folder	16 Okt 2019 10:22:15
Adobe		File folder	02 Agt 2019 22:14:46
ArcGIS		File folder	30 Jul 2019 17:31:41
Arduino		File folder	30 Jul 2019 17:46:19
Corel		File folder	02 Agt 2019 22:06:44
Custom Office Templ...		File folder	21 Feb 2020 13:37:57
Fritzing		File folder	30 Jul 2019 19:35:24
GIS DataBase		File folder	29 Jul 2019 16:12:30
Journals		File folder	20 Agt 2019 20:48:35
Leapdroid		File folder	18 Agt 2019 21:05:30
MATLAB		File folder	30 Jul 2019 16:33:13
My Shapes		File folder	29 Jul 2019 11:09:16
Navicat		File folder	31 Jul 2019 09:22:55
NetBeansProjects		File folder	29 Jul 2019 15:20:58
EasyBCD Backup (201...	44 KB	BCD File	26 Jul 2019 10:04:02
symbolology-style.db	388 KB	Data Base File	30 Jul 2019 17:02:48

Name	Size	Changed	Rights	Owner
..		21 Feb 2020 14:09:31	rw-r--r--	root
web-pertama		21 Feb 2020 14:43:42	rw-rw-r--	refanda
index.html	11 KB	21 Feb 2020 14:09:34	rw-r--r--	root
info.php	1 KB	21 Feb 2020 14:25:30	rw-r--r--	root

0 B of 432 KB in 0 of 16 5 hidden 0 B of 10,6 KB in 0 of 3 SFTP-3 0.07.15

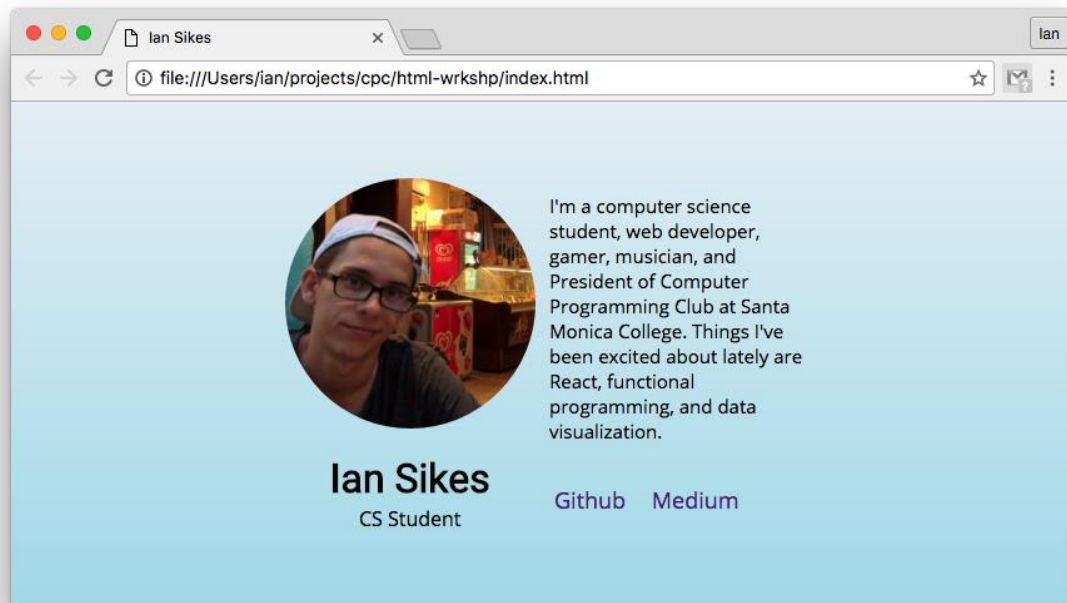
TUGAS BAGIAN KEDUA:

Khusus untuk yang telah mengerjakan tugas 000webhost:

Unduh berkas PHP/HTML Rumah Makan yang tersimpan pada 000webhost Anda.

Khusus untuk yang belum mengerjakan tugas 000webhost:

Buatlah biodata/CV sederhana yang menampilkan identitas Anda menggunakan bahasa PHP/HTML dengan contoh hasil seperti pada ilustrasi berikut



LAKUKAN UNGGAH BERKAS TERSEBUT PADA UBUNTU SERVER, KEMUDIAN TAMPILKAN HASILNYA PADA BROWSER. ATUR JUGA DATABASE BILA PERLU.



TUGAS BAGIAN KETIGA:

Catatlah IP lima teman Anda secara acak pada tabel berikut, kemudian buat definisi domain untuk teman Anda dengan format: <http://www.namateman.if.upnyk.ac.id>

No.	IP	Nama	Domain
ex.	192.168.64.250	Wahyu Aji Nugroho	wahyu .if.upnyk.ac.id
	192.168.64.245	Muhammad Imam Alfatah	imam .if.upnyk.ac.id
1.	192.168.116.129	Refanda Setyaguna Sutrisno	refanda.if.upnyk.ac.id
2.			.if.upnyk.ac.id
3.			.if.upnyk.ac.id
4.			.if.upnyk.ac.id
5.			.if.upnyk.ac.id

Tampilkan hasil akses situs tersebut (menggunakan domain, bukan akses dengan IP) pada isian berikut (perlihatkan URL pada tangkapan layar):

1. Situs pertama



The screenshot shows a web browser window with the following details:

- Browser Tabs:** IF UPNYK, File Manager, 192.168.116.129 / local..., Login Rumah Makan.
- Address Bar:** Not secure | refanda.ifupnyk.ac.id/web-pertama/
- Page Title:** Selamat Datang Di Rumah Makan Keraton Sejagat
- Form Fields:**
 - E-Mail:
 - Password:
 - Login:
- Links:**
 - Belum punya akun? [daftar sekarang!](#)
 - [Lupa password](#)

2. Situs kedua

3. Situs ketiga

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4. Situs keempat

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5. Situs kelima

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