



## **LEMBAR KERJA PRAKTIKUM CLOUD COMPUTING**

### **INSTALASI DAN KONFIGURASI LAYANAN HOSTING DENGAN LAMPP (SAAS)**

#### **IDENTITAS:**

Nama:	<b>Judanti Cahyaning Tyas</b>
NIM:	<b>123170014</b>
Kelas:	<b>A</b>
Hari, Tanggal:	<b>Kamis, 20 Februari 2020</b>

#### **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
```

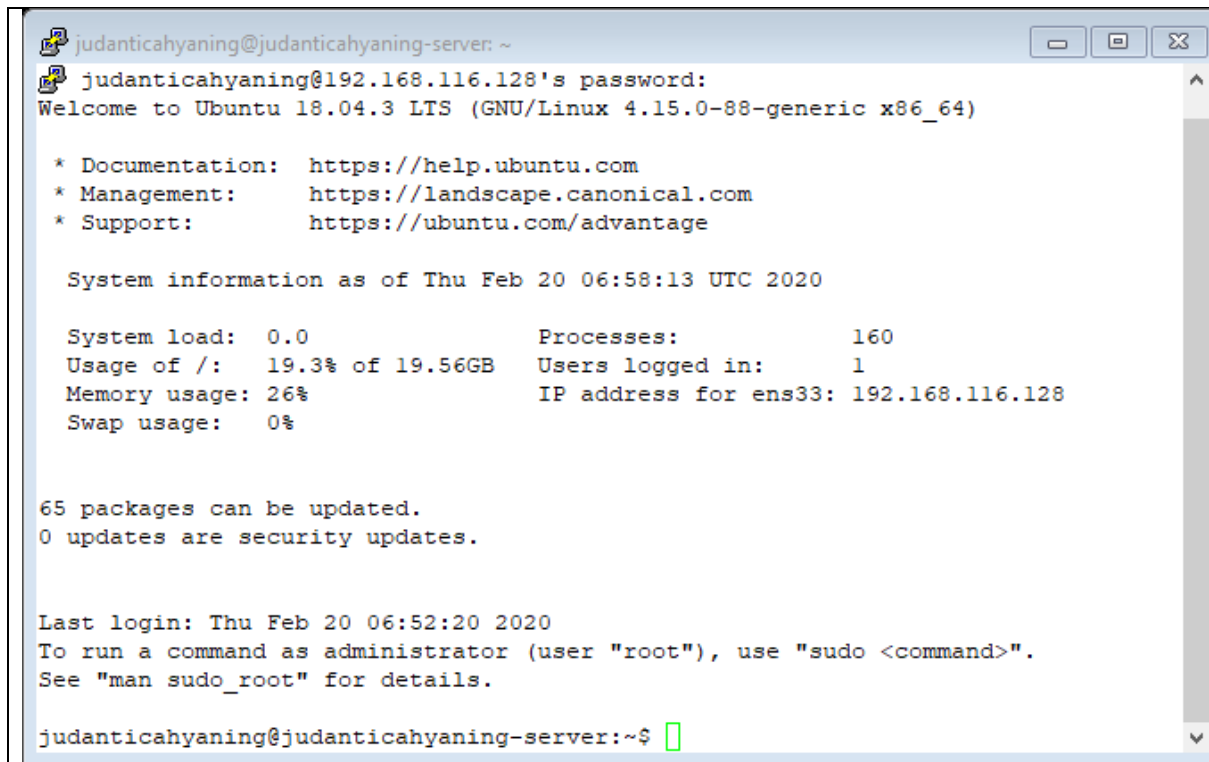
Perintah exit digunakan untuk keluar dari sesi akun aktif

3. Tampilkan pesan kesalahan pada saat login PHPMyAdmin



## **TUGAS BAGIAN PERTAMA:**

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



```
judanticahyaning@judanticahyaning-server: ~
judanticahyaning@192.168.116.128'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 Thu Feb 20 06:58:13 UTC 2020

System load:  0.0                       Processes:            160
Usage of /:   19.3% of 19.56GB          Users logged in:     1
Memory usage: 26%                      IP address for ens33: 192.168.116.128
Swap usage:   0%

65 packages can be updated.
0 updates are security updates.

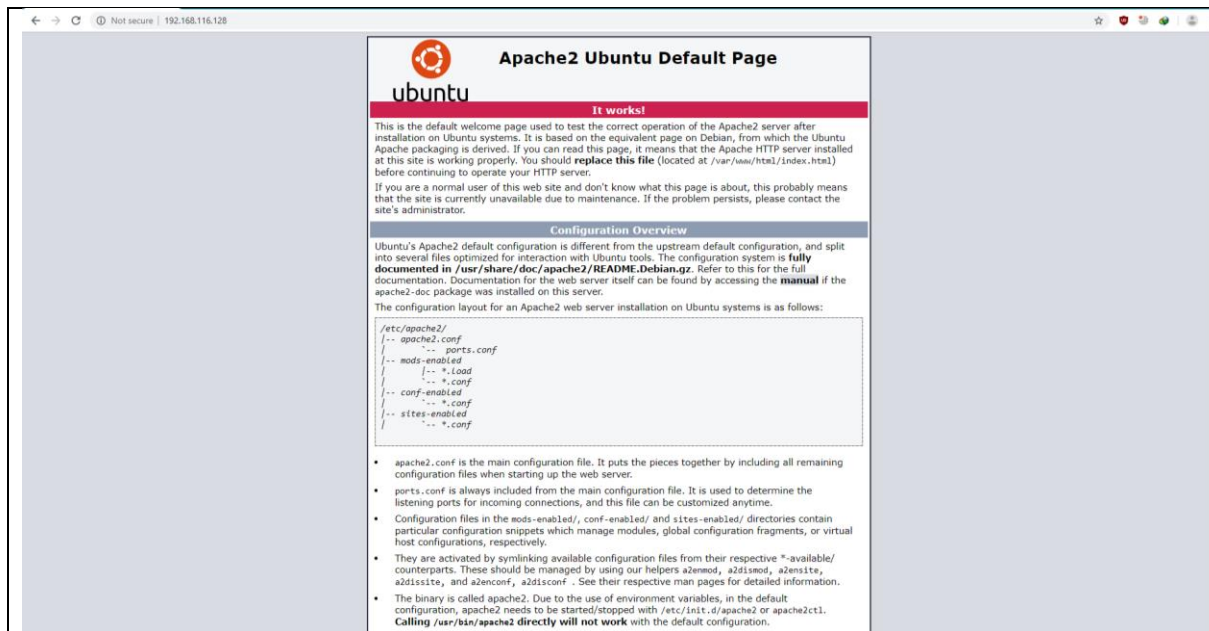
Last login: Thu Feb 20 06:52:20 2020
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

judanticahyaning@judanticahyaning-server:~$
```

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

Dengan cara login pada ubuntu dengan memasukkan username dan password yang nantinya akan muncul beberapa informasi diantaranya ip address en33, dan itulah ip addressnya atau dengan menggunakan if config untuk mendapatkan ip nya

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



#### 4. Tampilkan proses instalasi MySQL

Pertama masukkan syntax `$ sudo apt install mysql-server` dan continue  
Kedua masukkan syntax `$ sudo mysql_secure_installation`, lalu masukkan kata sandi mysql yang baru dan muncul beberapa opsi sebagai berikut

```
judanticahyaning@judanticahyaning-server: ~
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!
judanticahyaning@judanticahyaning-server:~$
```

Opsi pertama diisi No., dan opsi selanjutnya diisi yes. Jika sudah benar maka proses instalasi telah selesai

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

PHP Version 7.2.24-0ubuntu0.18.04.3

System	Linux judanitsahyening-server 4.15.0-85-generic #86-Ubuntu SMP Tue Feb 11 20:11:34 UTC 2020 x86_64
Build Date	Feb 11 2020 16:45:42
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-enchant.ini, /etc/php/7.2/apache2/conf.d/20-gd.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-ldap.ini, /etc/php/7.2/apache2/conf.d/20-mbstring.ini, /etc/php/7.2/apache2/conf.d/20-mcrypt.ini, /etc/php/7.2/apache2/conf.d/20-mysqlnd.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-sysvshm.ini, /etc/php/7.2/apache2/conf.d/20-xml.ini, /etc/php/7.2/apache2/conf.d/20-xmlrpc.ini
PHP API	20170718
PHP Extension	20170718
Zend Extension	320170718
Zend Extension Build	API320170718.NTS
PHP Extension Build	API320170718.NTS
Debug Build	no
Thread Safety	disabled
Zend Signal Handling	enabled
Zend Memory Manager	enabled
Zend Multibyte Support	disabled
IPv6 Support	enabled
DTrace Support	available, disabled
Registered PHP Streams	ftp, ftps, compress.zlib, php, file, glob, data, http, https, ssh, php
Registered Stream Socket Transports	tcp, udp, unix, udg, ssl, tls, tls_v1, sslv2, sslv3, tls_v1.1, tls_v1.2
Registered Stream Filters	zlib.*, string.rot13, string.rot48, string.rot90, string.rot96, string.rot97, string.rot98, string.rot99, string.rot0, string.rot1, string.rot2, string.rot3, string.rot4, string.rot5, string.rot6, string.rot7, string.rot8, string.rot9, string.rot10, string.rot11, string.rot12, string.rot13, string.rot14, string.rot15, string.rot16, string.rot17, string.rot18, string.rot19, string.rot20, string.rot21, string.rot22, string.rot23, string.rot24, string.rot25, string.rot26, string.rot27, string.rot28, string.rot29, string.rot30, string.rot31, string.rot32, string.rot33, string.rot34, string.rot35, string.rot36, string.rot37, string.rot38, string.rot39, string.rot40, string.rot41, string.rot42, string.rot43, string.rot44, string.rot45, string.rot46, string.rot47, string.rot48, string.rot49, string.rot50, string.rot51, string.rot52, string.rot53, string.rot54, string.rot55, string.rot56, string.rot57, string.rot58, string.rot59, string.rot60, string.rot61, string.rot62, string.rot63, string.rot64, string.rot65, string.rot66, string.rot67, string.rot68, string.rot69, string.rot70, string.rot71, string.rot72, string.rot73, string.rot74, string.rot75, string.rot76, string.rot77, string.rot78, string.rot79, string.rot80, string.rot81, string.rot82, string.rot83, string.rot84, string.rot85, string.rot86, string.rot87, string.rot88, string.rot89, string.rot90, string.rot91, string.rot92, string.rot93, string.rot94, string.rot95, string.rot96, string.rot97, string.rot98, string.rot99

This program makes use of the Zend Scripting Language Engine:  
 Zend Engine v3.2.0, Copyright (c) 1998-2018 Zend Technologies  
 with Zend OPcache v7.2.24-0ubuntu0.18.04.3, Copyright (c) 1999-2018, by Zend Technologies

Configuration  
apache2handler

## 6. Tampilkan halaman awal dari login PHPmyAdmin pada browser

Welcome to phpMyAdmin

Language  
English

Log in

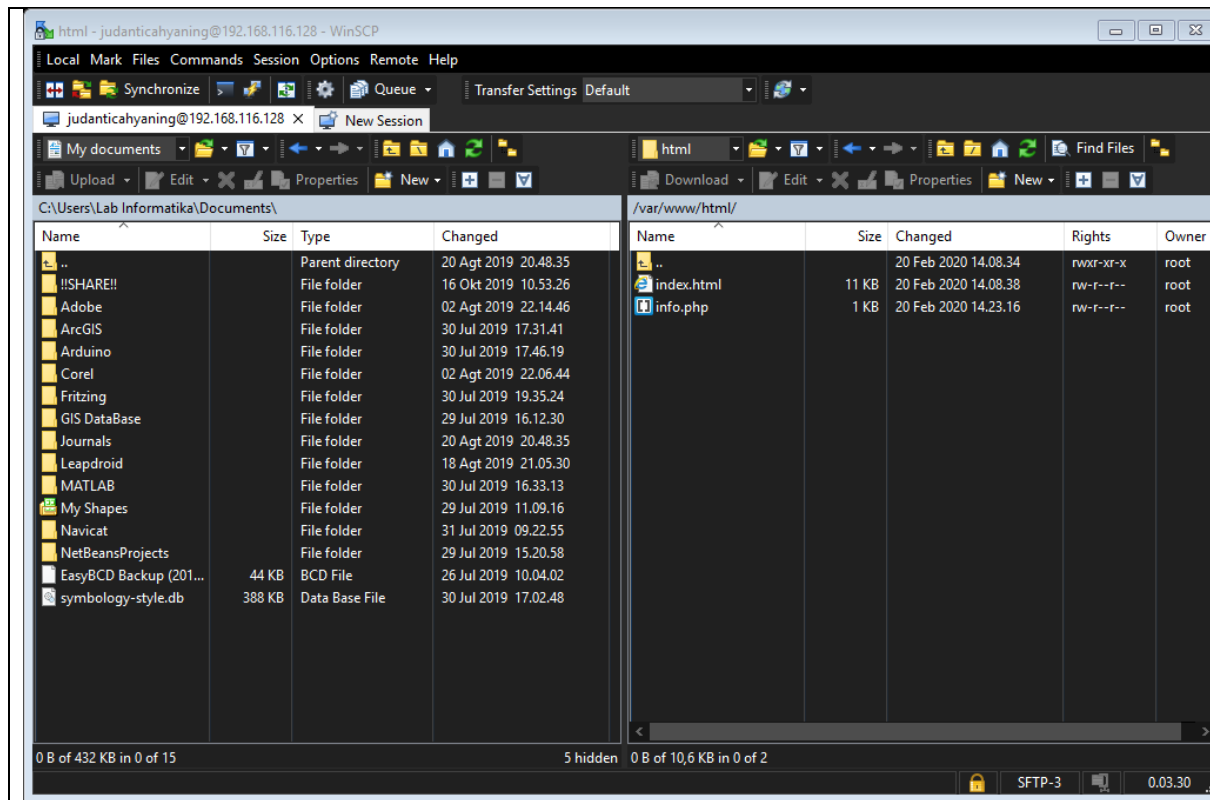
Username:  
Password:

Go

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

Untuk memperbaiki login database pertama kali ketik syntax `$ sudo mysql -u root` kemudian ketikkan `UPDATE mysql.user SET plugin = 'mysql_native_password', authentication_string = PASSWORD('KATA_SANDI_ROOT_USER') WHERE User = 'root';`. Password diisi dengan nim kita. Setelah itu untuk proses refresh diperlukan menggunakan syntax `$ FLUSH PRIVILEGES;` dan coba masukkan username dan root di phpmyadmin

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



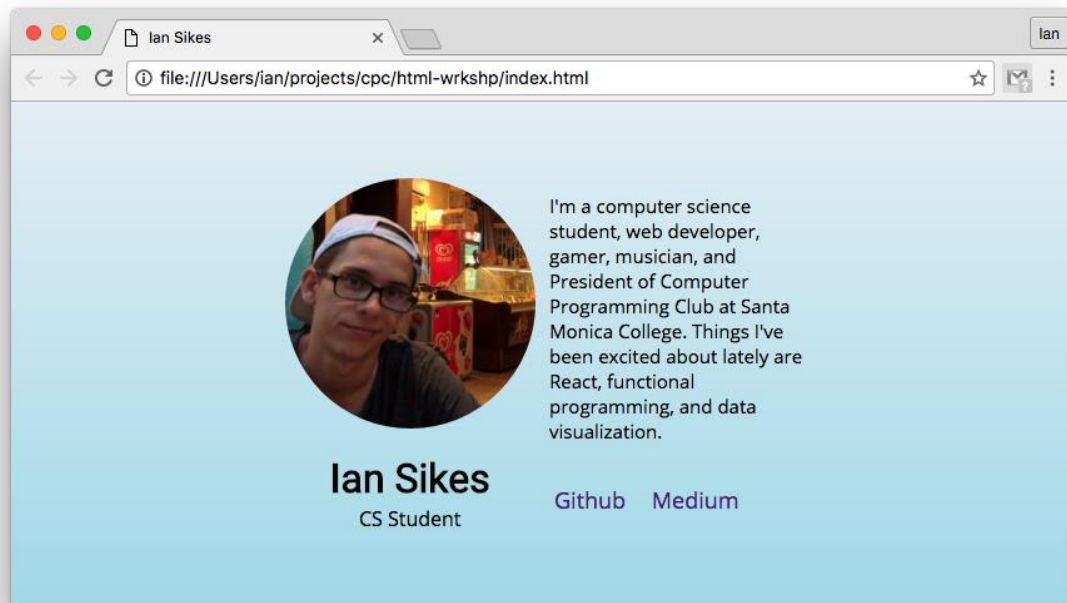
## **TUGAS BAGIAN KEDUA:**

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:

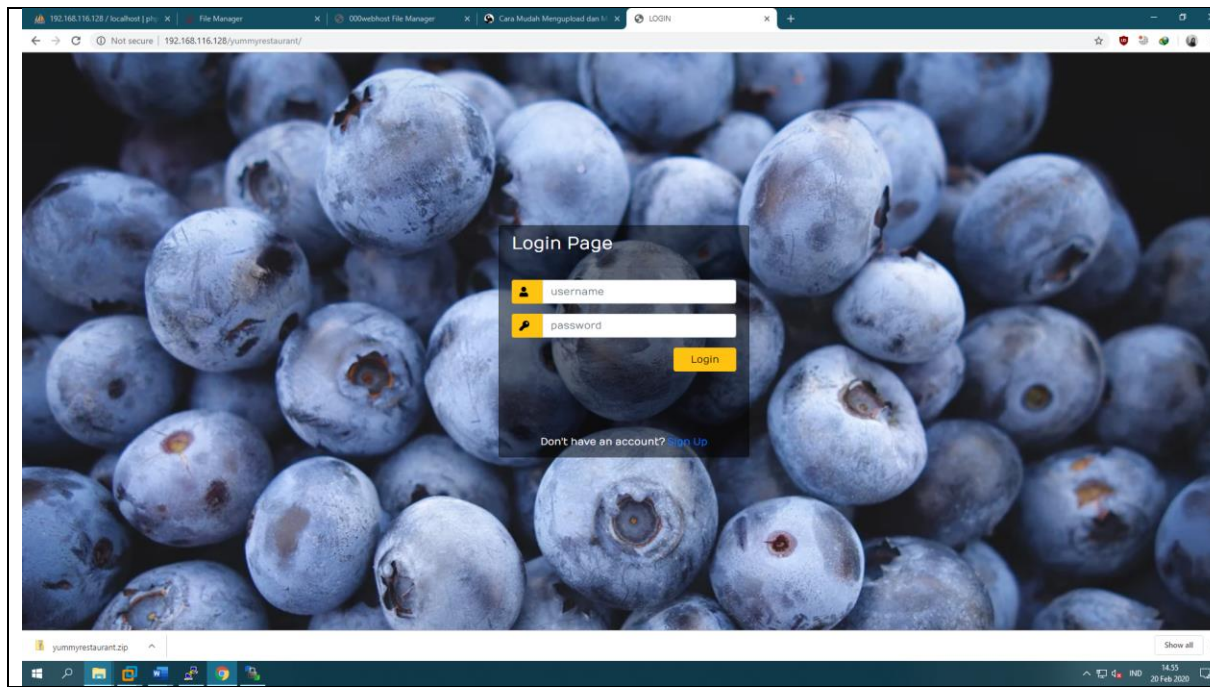
Buatlah biodata/CV sederhana yang menampilkan identitas Anda menggunakan bahasa PHP/HTML dengan contoh hasil seperti pada ilustrasi berikut



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

(tampilan situs pada browser)





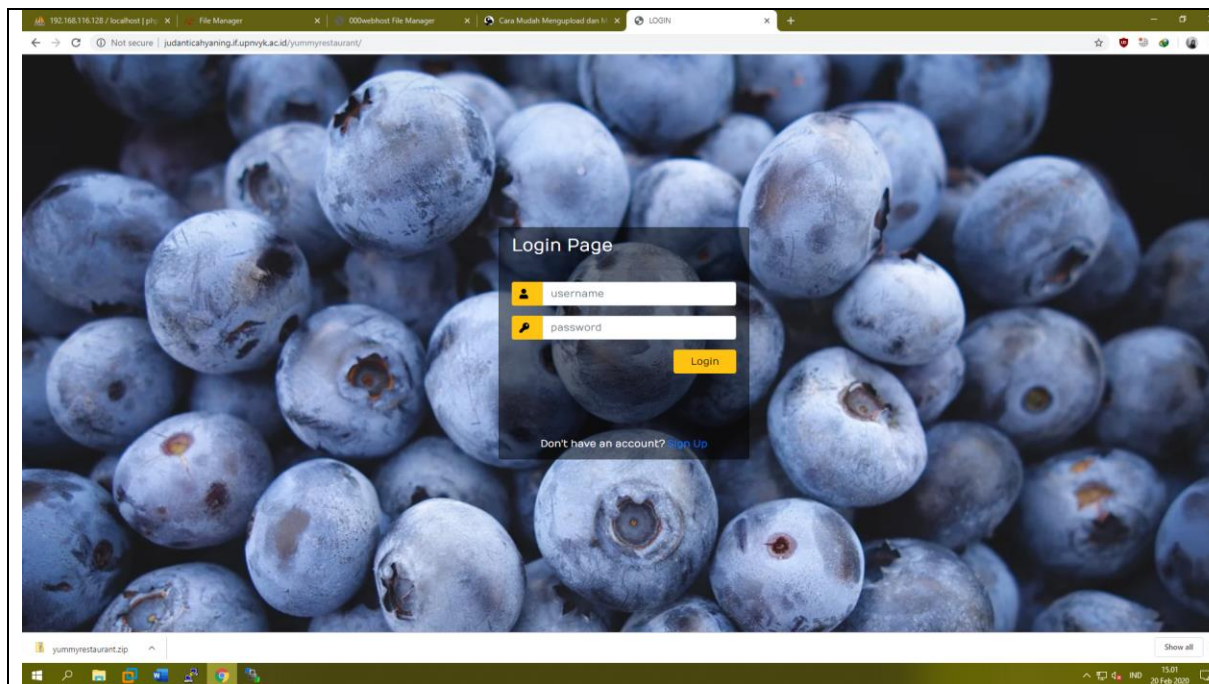
### **TUGAS BAGIAN KETIGA:**

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	<b>wahyu.if.upnyk.ac.id</b>
	192.168.64.245	Muhammad Imam Alfatah	<b>imam.if.upnyk.ac.id</b>
1.	192.168.116.128	Judanti Cahyaning Tyas	<b>judantichahyaning.if.upnyk.ac.id</b>
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



#### 2. Situs kedua

#### 3. Situs ketiga

4. Situs keempat

5. Situs kelima