



## **LEMBAR KERJA PRAKTIKUM CLOUD COMPUTING**

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

#### **IDENTITAS:**

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Hari, Tanggal:	<b>Jum'at, 21 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
```

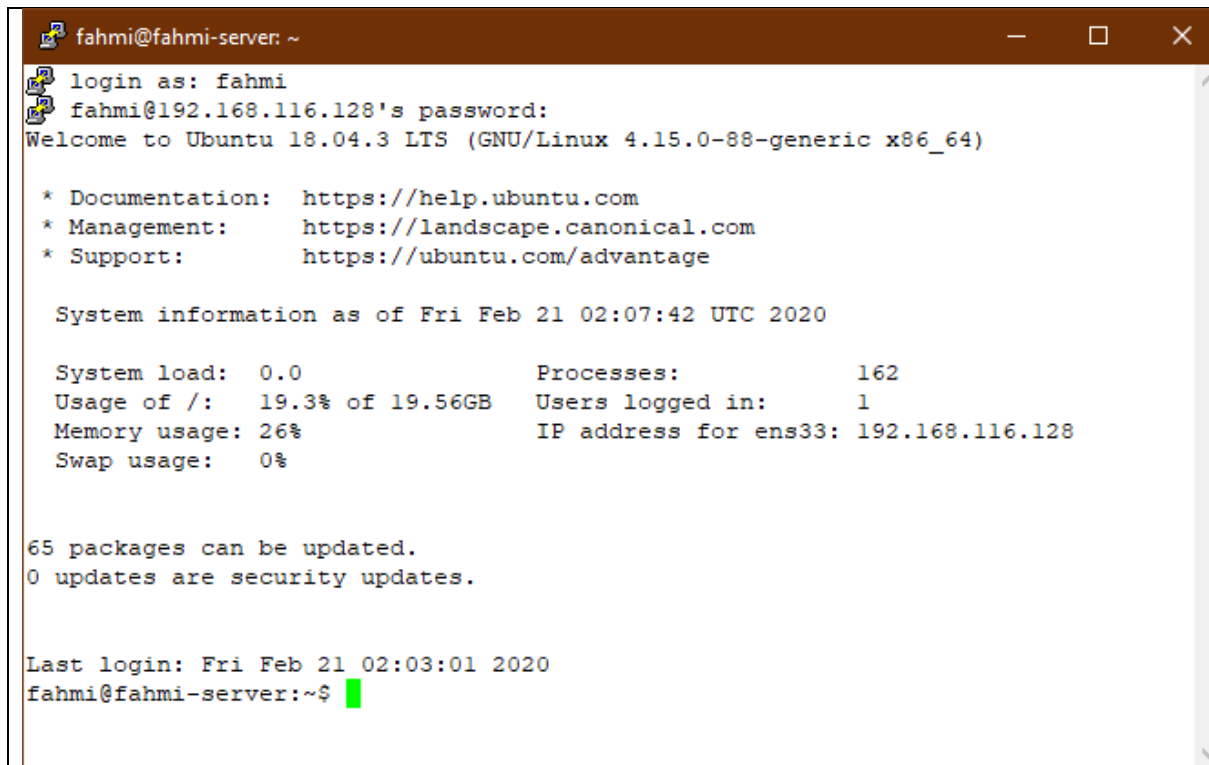
Perintah exit digunakan untuk keluar dari sesi akun aktif

3. Tampilkan pesan kesalahan pada saat login PHPMyAdmin



## **TUGAS BAGIAN PERTAMA:**

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



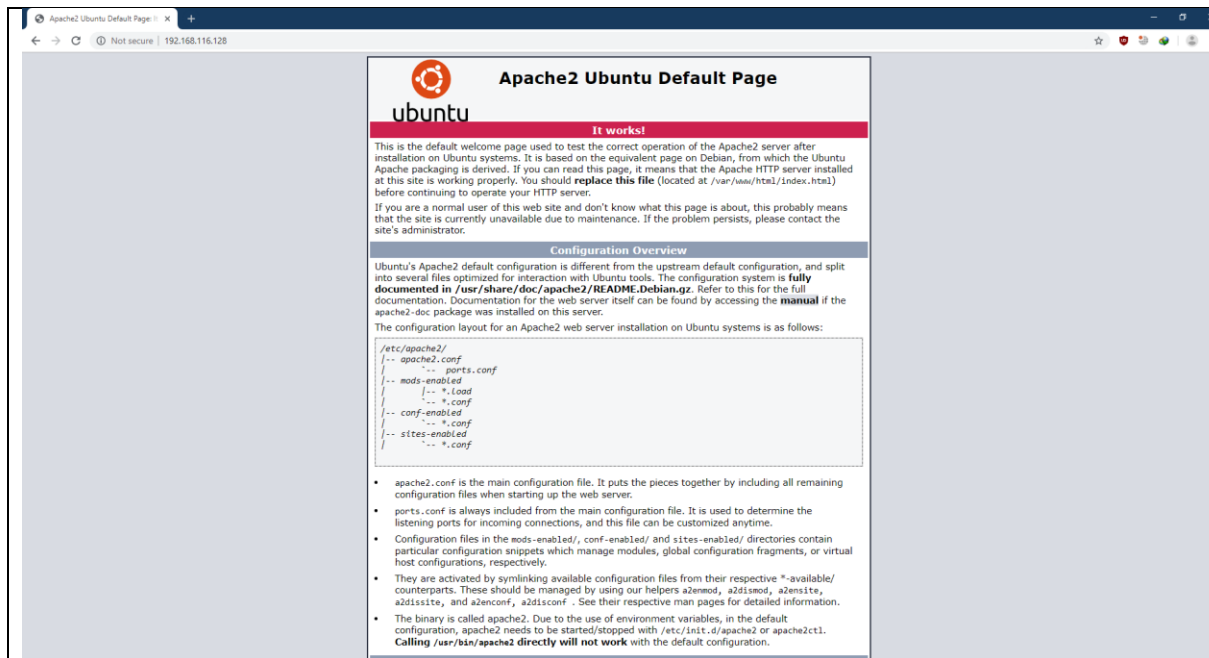
```
fahmi@fahmi-server: ~  
login as: fahmi  
fahmi@192.168.116.128's password:  
Welcome to Ubuntu 18.04.3 LTS (GNU/Linux 4.15.0-88-generic x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:        https://ubuntu.com/advantage  
  
System information as of Fri Feb 21 02:07:42 UTC 2020  
  
System load:  0.0           Processes:            162  
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: Fri Feb 21 02:03:01 2020  
fahmi@fahmi-server:~$
```

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

```
$ ifconfig
```

Perintah ifconfig digunakan untuk mendapatkan IP dari Server Ubuntu

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



#### 4. Tampilkan proses instalasi MySQL

```
fahmi@fahmi-server: ~  
fahmi@fahmi-server:~$ sudo apt install mysql-server  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
The following additional packages will be installed:  
  libaio1 libcgi-fast-perl libcgi-pm-perl libencode-locale-perl  
  libevent-core-2.1-6 libfcgi-perl libhtml-parser-perl libhtml-tagset-perl  
  libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl  
  liblwp-mediatypes-perl libtimedate-perl liburi-perl mysql-client-5.7  
  mysql-client-core-5.7 mysql-common mysql-server-5.7 mysql-server-core-5.7  
Suggested packages:  
  libdata-dump-perl libipc-sharedcache-perl libwww-perl mailx tinycal  
The following NEW packages will be installed:  
  libaio1 libcgi-fast-perl libcgi-pm-perl libencode-locale-perl  
  libevent-core-2.1-6 libfcgi-perl libhtml-parser-perl libhtml-tagset-perl  
  libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl  
  liblwp-mediatypes-perl libtimedate-perl liburi-perl mysql-client-5.7  
  mysql-client-core-5.7 mysql-common mysql-server mysql-server-5.7  
  mysql-server-core-5.7  
0 upgraded, 21 newly installed, 0 to remove and 65 not upgraded.  
Need to get 19.7 MB of archives.  
After this operation, 156 MB of additional disk space will be used.  
Do you want to continue? [Y/n] Y  
Get:1 http://id.archive.ubuntu.com/ubuntu bionic/main amd64 mysql-common all 5.8
```

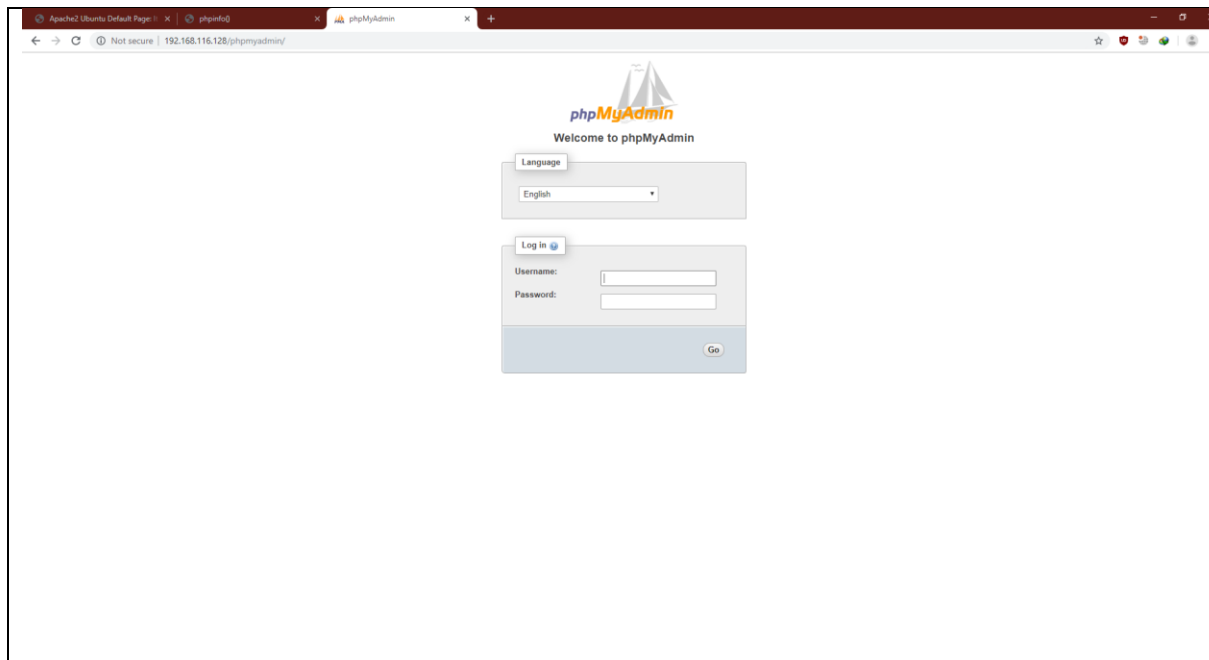
```
fahmi@fahmi-server: ~  
fahmi@fahmi-server:~$ sudo mysql_secure_installation  
  
Securing the MySQL server deployment.  
  
Connecting to MySQL using a blank password.  
  
VALIDATE PASSWORD PLUGIN can be used to test passwords  
and improve security. It checks the strength of password  
and allows 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) : Yes  
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) : Yes  
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)  
: Yes  
- Dropping test database...  
Success.  
- Removing privileges on test database...  
Success.
```

```
fahmi@fahmi-server: ~  
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)  
: Yes  
- 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) : Yes  
Success.  
  
All done!  
fahmi@fahmi-server:~$
```

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



6. Tampilkan halaman awal dari login PHPmyAdmin pada browser



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

```
$ sudo mysql -u root
$ UPDATE mysql.user SET plugin =
'mysql_native_password', authentication_string =
PASSWORD('upnveteran') WHERE User = 'root';
$ FLUSH PRIVILEGES
```

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

html - fahmi@192.168.116.128 - WinSCP

Local Mark Files Commands Session Options Remote Help

Synchronize Queue Transfer Settings Default

fahmi@192.168.116.128 X New Session

My documents Upload Edit Properties New Find Files

C:\Users\Lab Informatika\Documents\ /var/www/html/

Name	Size	Type	Changed	Name	Size	Changed	Rights	Owner
..		Parent directory	20 Agt 2019 20.48.35	..		21 Feb 2020 09.13.22	rw-r-xr-x	root
!!SHARE!!		File folder	16 Okt 2019 10.22.44	images		21 Feb 2020 10.04.21	rw-rw-r-x	fahmi
Adobe		File folder	02 Agt 2019 22.14.46	index.html	11 KB	21 Feb 2020 09.13.25	rw-r--r--	root
ArcGIS		File folder	30 Jul 2019 17.31.41	index.php	3 KB	21 Feb 2020 10.01.46	rw-rw-r--	fahmi
Arduino		File folder	30 Jul 2019 17.46.19	info.php	1 KB	21 Feb 2020 09.38.10	rw-r--r--	root
Corel		File folder	02 Agt 2019 22.06.44	koneksi.php	1 KB	21 Feb 2020 10.01.46	rw-rw-r--	fahmi
Fritzing		File folder	30 Jul 2019 19.35.24	logout.php	1 KB	21 Feb 2020 10.01.46	rw-rw-r--	fahmi
GIS DataBase		File folder	29 Jul 2019 16.12.30	menu.php	8 KB	21 Feb 2020 10.01.46	rw-rw-r--	fahmi
Journals		File folder	20 Agt 2019 20.48.35	proses_daftar.php	2 KB	21 Feb 2020 10.01.46	rw-rw-r--	fahmi
Leapdroid		File folder	18 Agt 2019 21.05.30	proses_login.php	1 KB	21 Feb 2020 10.01.46	rw-rw-r--	fahmi
MATLAB		File folder	30 Jul 2019 16.33.13	tampil_signup.php	3 KB	21 Feb 2020 10.01.46	rw-rw-r--	fahmi
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					
symbology-style.db	388 KB	Data Base File	30 Jul 2019 17.02.48					

0 B of 432 KB in 0 of 15 5 hidden 0 B of 26,2 KB in 0 of 10 1 hidden

SFTP-3 0.08.47



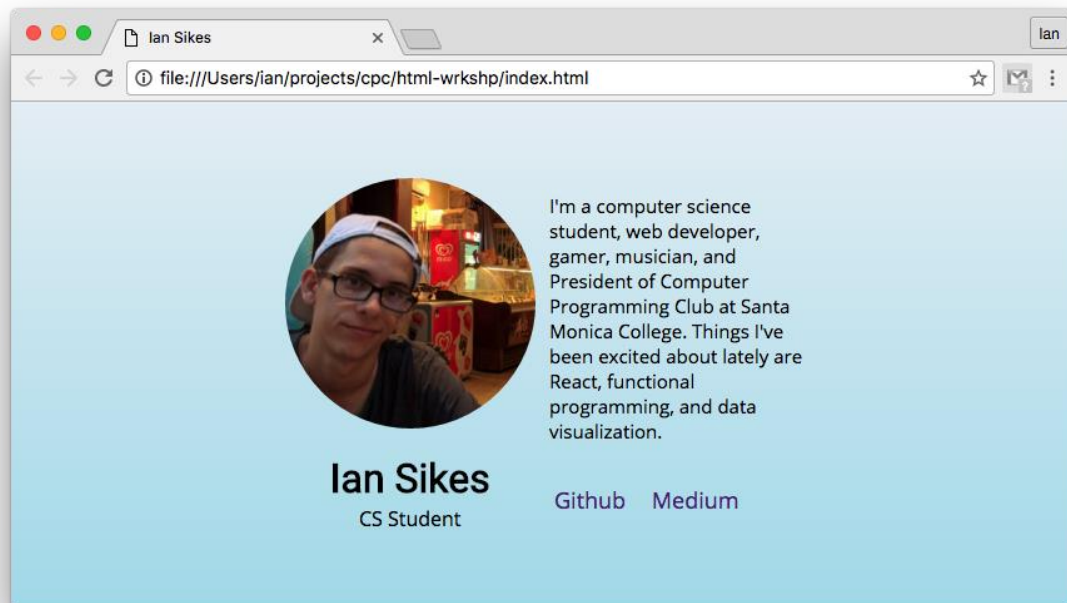
## **TUGAS BAGIAN KEDUA:**

Khusus untuk yang telah mengerjakan tugas 000webhost:

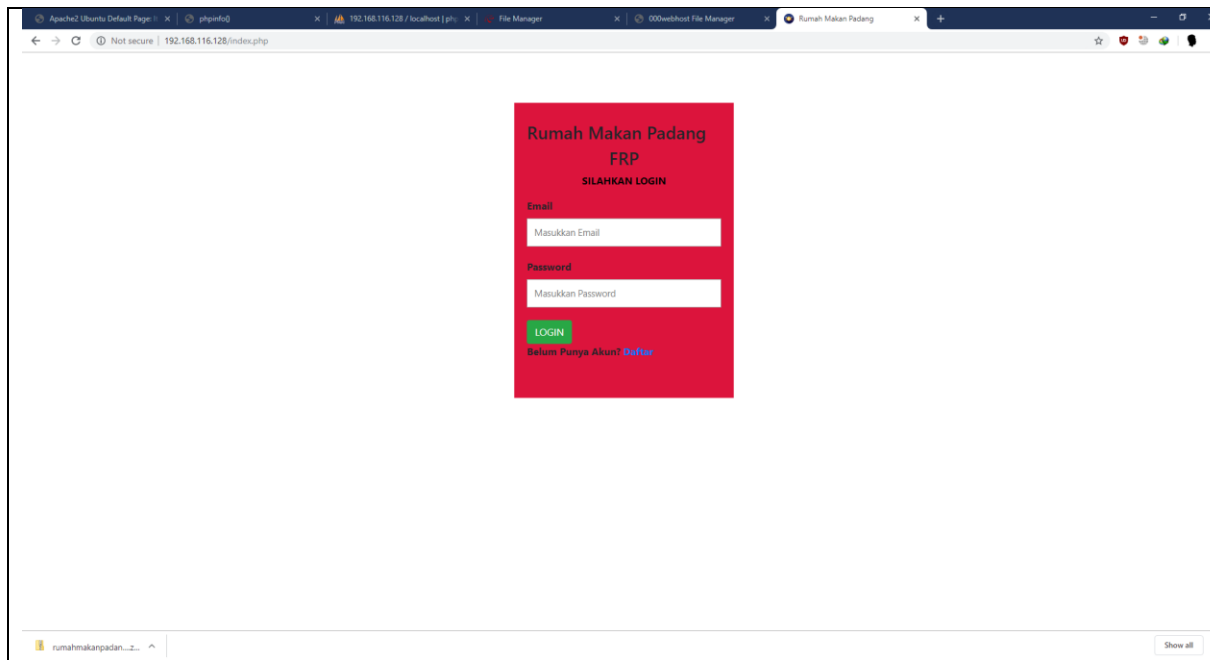
Unduh berkas PHP/HTML Rumah Makan yang tersimpan pada 000webhost Anda.

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.



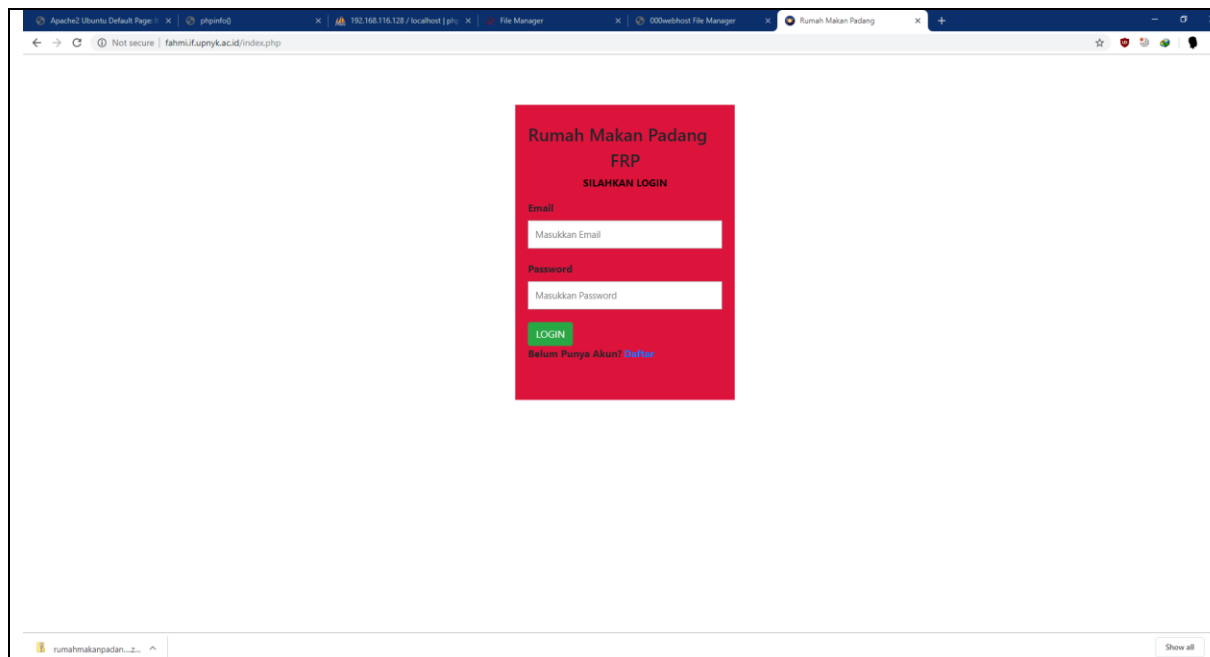
### **TUGAS BAGIAN KETIGA:**

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	<b>wahyu</b> .if.upnyk.ac.id
	192.168.64.245	Muhammad Imam Alfatah	<b>imam</b> .if.upnyk.ac.id
1.	192.168.116.128	Fahmi Reza Prasastio	fahmi.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



#### 2. Situs kedua

#### 3. Situs ketiga

4. Situs keempat

5. Situs kelima