



## **LEMBAR KERJA PRAKTIKUM CLOUD COMPUTING**

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

#### **IDENTITAS:**

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#### **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)

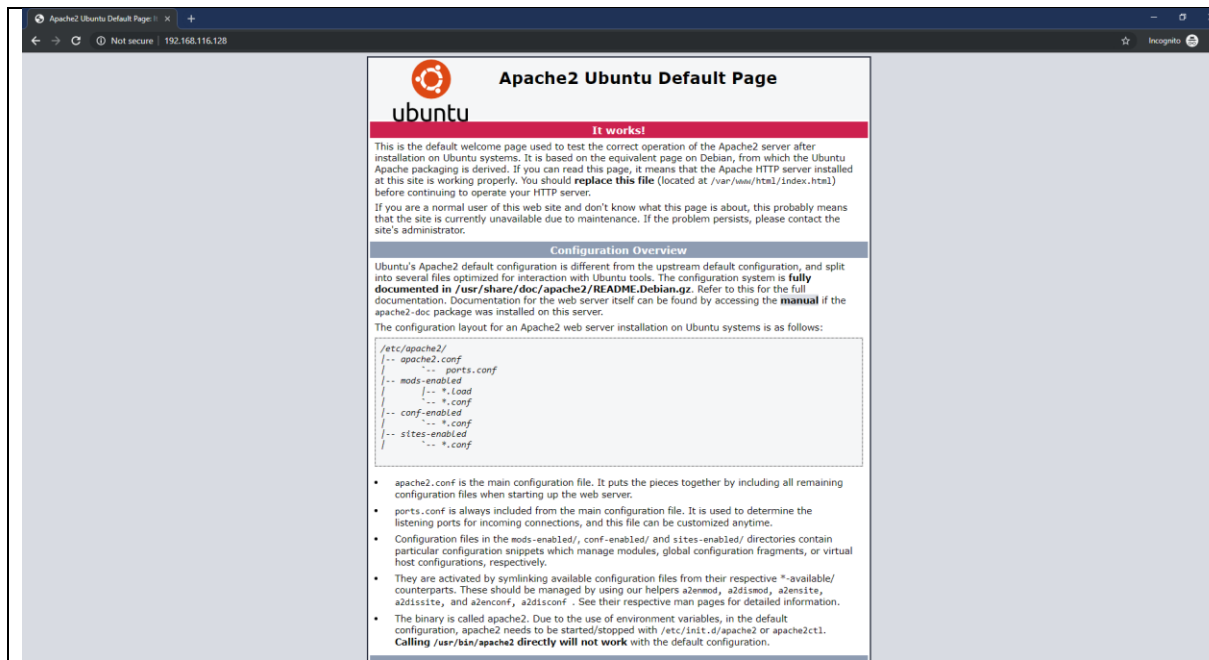
```
rezal_astana@rezal_astana: ~  
rezal_astana@192.168.116.128's password:  
Welcome to Ubuntu 18.04.3 LTS (GNU/Linux 4.15.0-88-generic x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:        https://ubuntu.com/advantage  
  
System information as of Thu Feb 20 06:59:51 UTC 2020  
  
System load:  0.0           Processes:            162  
Usage of /:   19.3% of 19.56GB Users logged in:       1  
Memory usage: 27%          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 06:56:03 2020  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
rezal_astana@rezal_astana:~$
```

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

```
$ ifconfig
```

Digunakan untuk melihat ip yang digunakan pada pc

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



#### 4. Tampilkan proses instalasi MySQL

```
rezal_astana@rezal_astana: ~  
rezal_astana@rezal_astana:~$ sudo apt install mysql-server  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
The following additional packages will be installed:  
  libaiol 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 tinyca  
The following NEW packages will be installed:  
  libaiol 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
```

```
rezal_astana@rezal_astana: ~  
Setting up libtimedate-perl (2.3000-2) ...  
Setting up libio-html-perl (1.001-1) ...  
Setting up liblwp-mediatypes-perl (6.02-1) ...  
Processing triggers for libc-bin (2.27-3ubuntu1) ...  
Setting up libaiol:amd64 (0.3.110-5ubuntu0.1) ...  
Setting up liburi-perl (1.73-1) ...  
Processing triggers for systemd (237-3ubuntu10.38) ...  
Setting up libhtml-parser-perl (3.72-3build1) ...  
Setting up libcgi-pm-perl (4.38-1) ...  
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...  
Setting up mysql-client-core-5.7 (5.7.29-0ubuntu0.18.04.1) ...  
Setting up libfcgi-perl (0.78-2build1) ...  
Setting up libhttp-date-perl (6.02-1) ...  
Setting up libhtml-template-perl (2.97-1) ...  
Setting up mysql-server-core-5.7 (5.7.29-0ubuntu0.18.04.1) ...  
Setting up libcgi-fast-perl (1:2.13-1) ...  
Setting up libhttp-message-perl (6.14-1) ...  
Setting up mysql-client-5.7 (5.7.29-0ubuntu0.18.04.1) ...  
Setting up mysql-server-5.7 (5.7.29-0ubuntu0.18.04.1) ...  
update-alternatives: using /etc/mysql/mysql.cnf to provide /etc/mysql/my.cnf (my  
.cnf) in auto mode  
Renaming removed key_buffer and myisam-recover options (if present)  
Progress: [ 96%] [#####]
```

```


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!

```

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

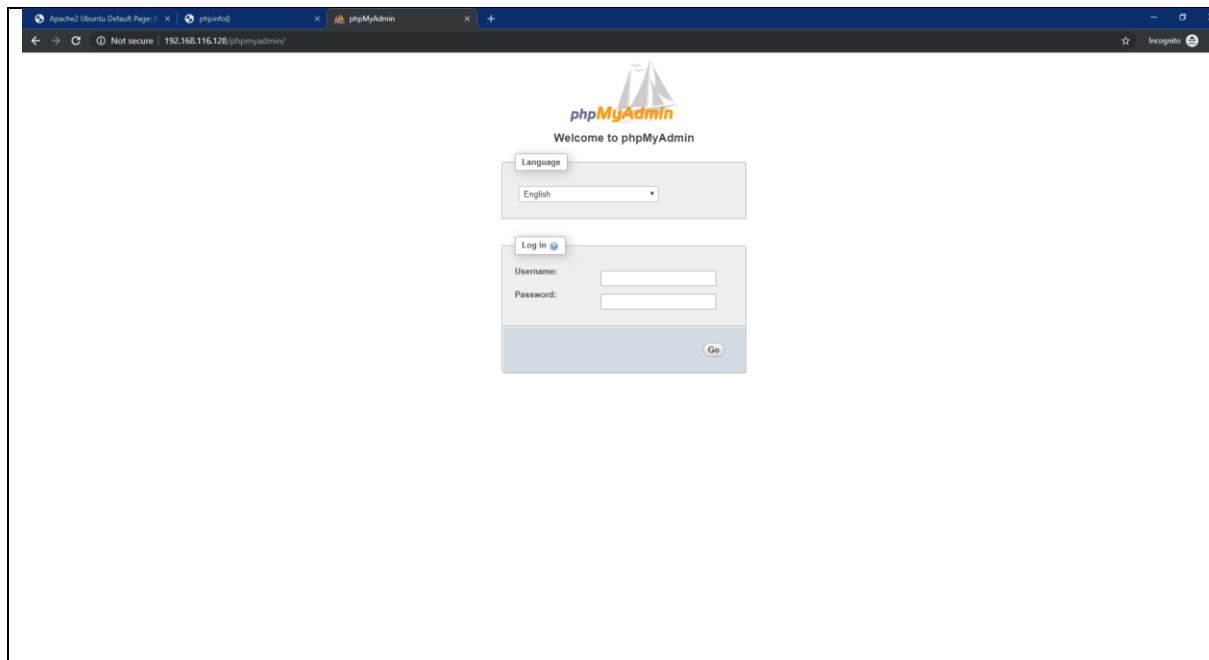


The screenshot shows a web browser window with the address bar displaying "192.168.116.128/info.php". The page content is the PHP configuration page, titled "PHP Version 7.2.24-0ubuntu18.04.3". It features a table of system and configuration parameters, including:

- System:** Linux neza\_atana 4.15.0-88-generic #80-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-mysqlnd.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-ftp.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-intl.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-sockets.ini, /etc/php/7.2/apache2/conf.d/20-sysmsg.ini, /etc/php/7.2/apache2/conf.d/20-sysvshm.ini, /etc/php/7.2/apache2/conf.d/20-sysvsem.ini, /etc/php/7.2/apache2/conf.d/20-xml.ini, /etc/php/7.2/apache2/conf.d/20-xmlrpc.ini, /etc/php/7.2/apache2/conf.d/20-zlib.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
- Zend Multibyte Support:** disabled
- IPv6 support:** enabled
- DTNAP Support:** available, disabled
- Registered PHP Streams:** https, ftps, compress.zlib, php, file, glob, data, http, ftp, phar
- Registered Stream Socket Transports:** tcp, udp, unix, udg, ssl, tls, tlsv1.0, tlsv1.1, tlsv1.2
- Registered Stream Filters:** zlib.\*, string.rot13, string.toupper, string.tolower, string.strip\_tags, convert.\*, consumed, dechunk, convert.iconv.\*

At the bottom, it shows the "Configuration" section for "apache2handler" and the "Apache Version" as "Apache/2.4.29 (Ubuntu)".

6. Tampilkan halaman awal dari login PHPmyAdmin pada browser



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

```
$ FLUSH PRIVILEGES
mysql> FLUSH PRIVILEGES
-> ;
Query OK, 0 rows affected (0.00 sec)
```

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

Documents - rezal\_astana@192.168.116.128 - WinSCP

Local Mark Files Commands Session Options Remote Help

Synchronize Queue Transfer Settings Default

rezal\_astana@192.168.116.128 X New Session

My documents rezal\_astana Find Files

Upload Edit Properties New Download Edit Properties New

C:\Users\Lab Informatika\Documents\ /home/rezal\_astana/

Name	Size	Type	Changed	Name	Size	Changed	Rights	Owner
..		Parent directory	20 Agt 2019 20.48.35	..		20 Feb 2020 13.53.59	rwxr-xr-x	root
!!SHARE!!		File folder	07 Okt 2019 11.43.47					
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					
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					
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 0 B in 0 of 0 6 hidden

SFTP-3 0.00.18



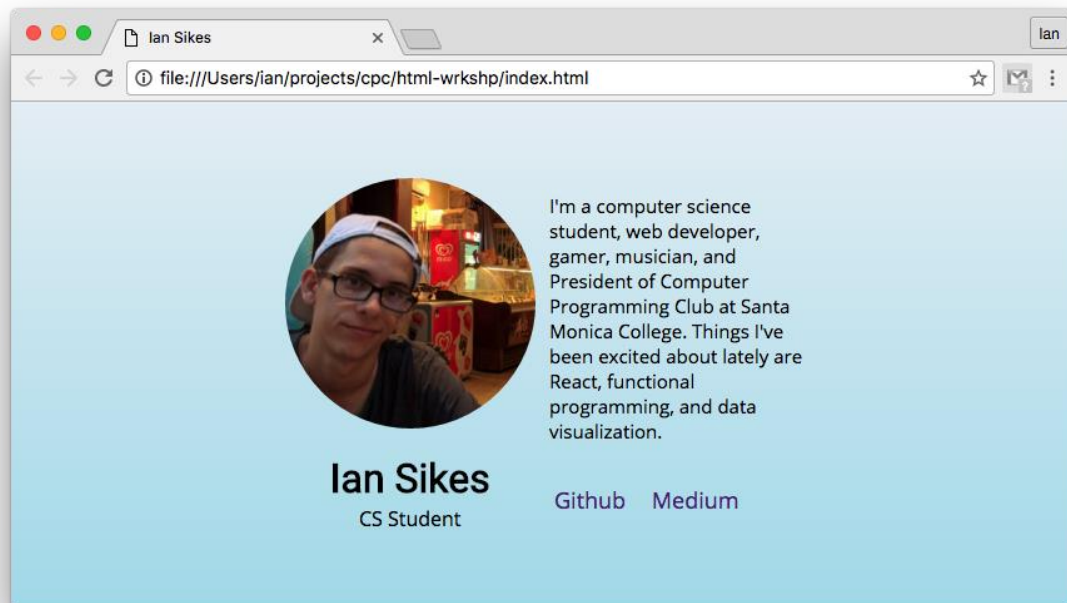
## **TUGAS BAGIAN KEDUA:**

Khusus untuk yang telah mengerjakan tugas 000webhost:

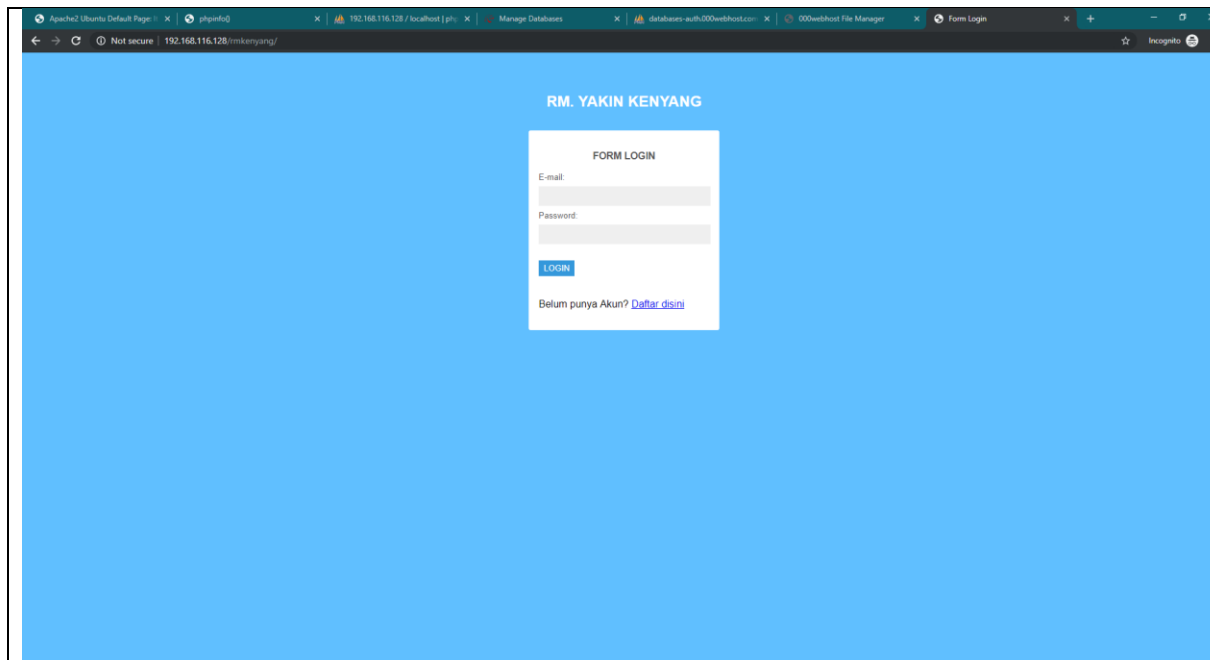
Unduh berkas PHP/HTML Rumah Makan yang tersimpan pada 000webhost Anda.

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.



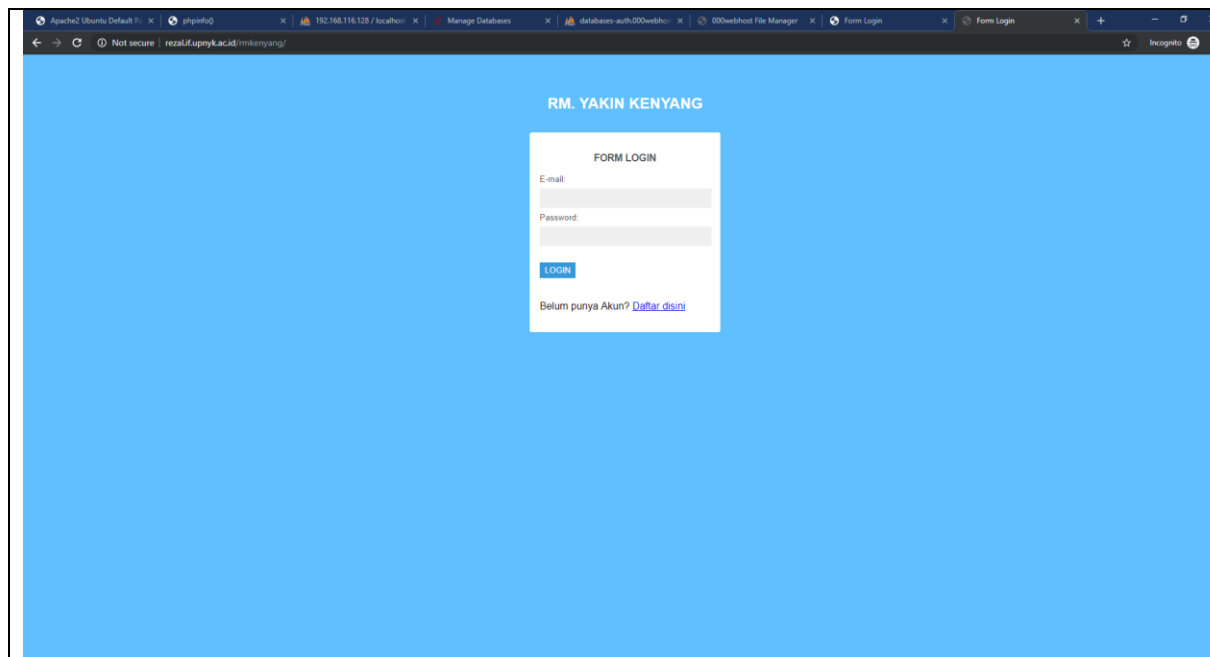
### **TUGAS BAGIAN KETIGA:**

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	Basrizal Reza Astana	<b>rezal</b> .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