



LEMBAR KERJA PRAKTIKUM CLOUD COMPUTING

INSTALASI DAN KONFIGURASI LAYANAN HOSTING DENGAN LAMPP (SAAS)

IDENTITAS:

| | |
|----------------|--------------------------------|
| Nama: | Septian Tejo Kusuma |
| NIM: | 123170081 |
| Kelas: | A |
| Hari, Tanggal: | Kamis, 20 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)



```
asep@asep: ~
asep@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 06:59:49 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 06:52:00 2020
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

asep@asep:~$
```

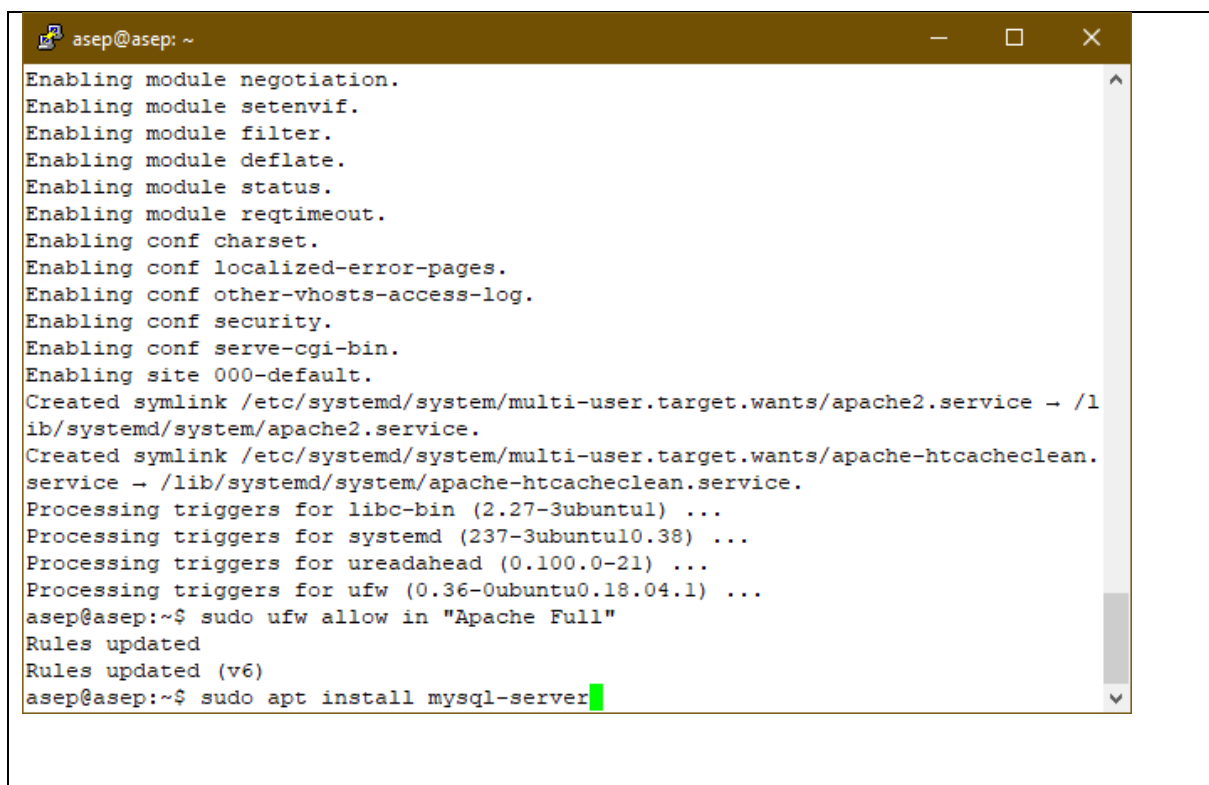
2. Deskripsikan parameter atau cara untuk mendapatkan IP dari Server Ubuntu

```
$ ifconfig
```

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



4. Tampilkan proses instalasi MySQL

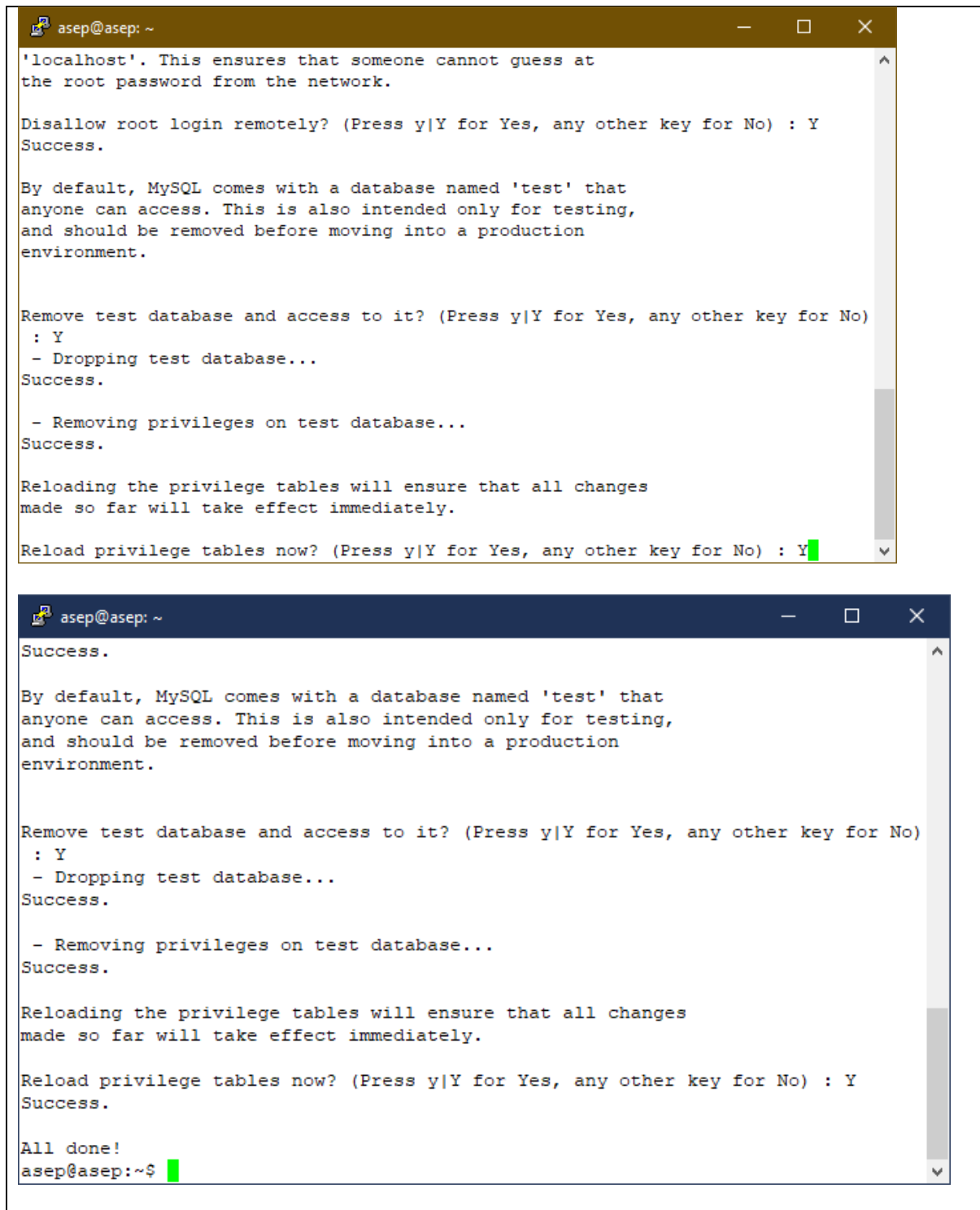


```
asep@asep: ~  
libevent-core-2.1-6 libfcgi-perl libhtml-parser-perl libhtml-tagset-perl  
libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl  
liblwp-mediatypes-perl libtimedate-perl liburi-perl mysql-client-5.7  
mysql-client-core-5.7 mysql-common mysql-server-5.7 mysql-server-core-5.7  
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  
+1.0.4 [7,308 B]  
Get:2 http://id.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libaiol amd6  
4 0.3.110-5ubuntu0.1 [6,476 B]  
Get:3 http://id.archive.ubuntu.com/ubuntu bionic-updates/main amd64 mysql-client  
-core-5.7 amd64 5.7.29-0ubuntu0.18.04.1 [6,642 kB]  
6% [3 mysql-client-core-5.7 1,054 kB/6,642 kB 16%]
```

```
asep@asep: ~  
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)  
Created symlink /etc/systemd/system/multi-user.target.wants/mysql.service → /lib  
/systemd/system/mysql.service.  
Setting up mysql-server (5.7.29-0ubuntu0.18.04.1) ...  
Processing triggers for libc-bin (2.27-3ubuntu1) ...  
Processing triggers for systemd (237-3ubuntu10.38) ...  
Processing triggers for ureadahead (0.100.0-21) ...  
asep@asep:~$ sudo mysql_secure_installation
```

```
asep@asep: ~  
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)  
Created symlink /etc/systemd/system/multi-user.target.wants/mysql.service → /lib  
/systemd/system/mysql.service.  
Setting up mysql-server (5.7.29-0ubuntu0.18.04.1) ...  
Processing triggers for libc-bin (2.27-3ubuntu1) ...  
Processing triggers for systemd (237-3ubuntu10.38) ...  
Processing triggers for ureadahead (0.100.0-21) ...  
asep@asep:~$ 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
```

```
asep@asep: ~  
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) :
```



The image shows two screenshots of a terminal window with a dark blue title bar and a light gray background. The terminal window title is 'asep@asep: ~'. The first screenshot shows the MySQL installation process with the following text: '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. The second screenshot shows the continuation of the installation process with the following text: 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! asep@asep:~\$

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


```

$
asep@asep: ~
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 17
Server version: 5.7.29-0ubuntu0.18.04.1 (Ubuntu)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

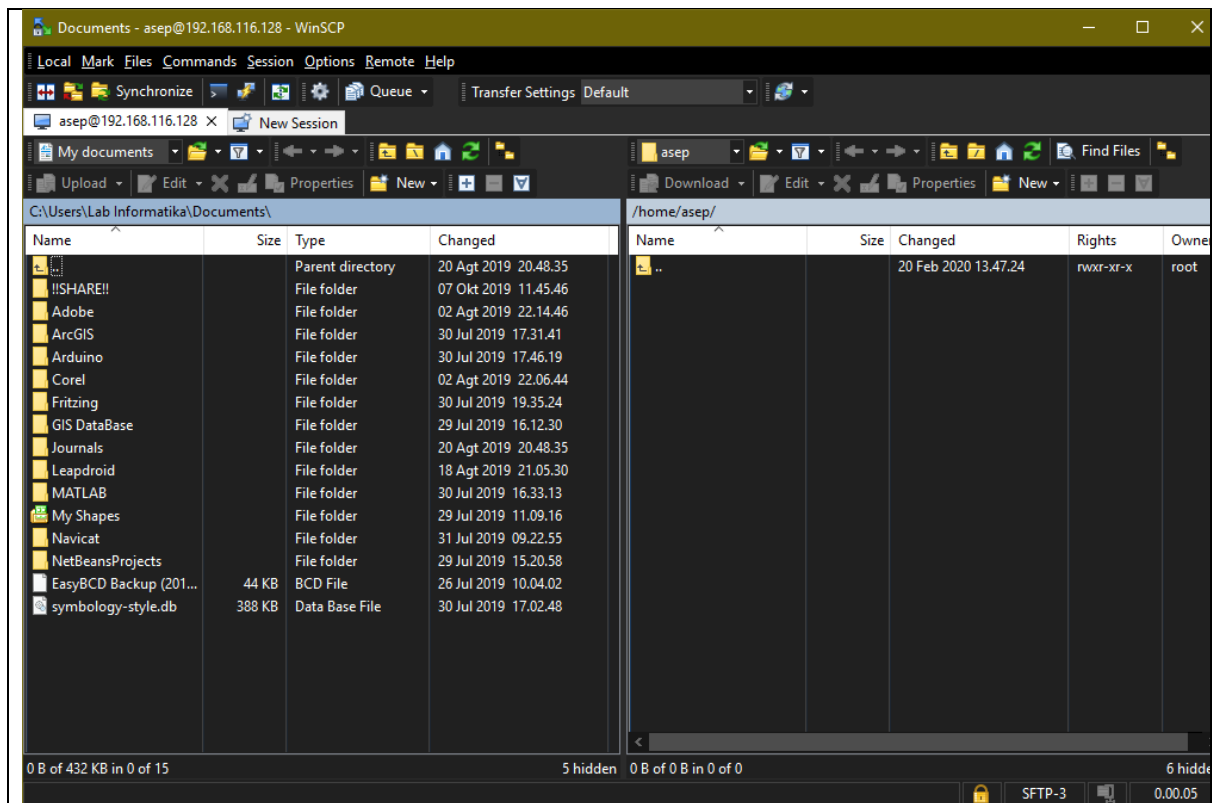
mysql> UPDATE mysql.user SET plugin = 'mysql_native_password', authentication_st
ring = PASSWORD ('123') WHERE User = 'root'
->
-> ;
Query OK, 1 row affected, 1 warning (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 1

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

mysql>

```

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



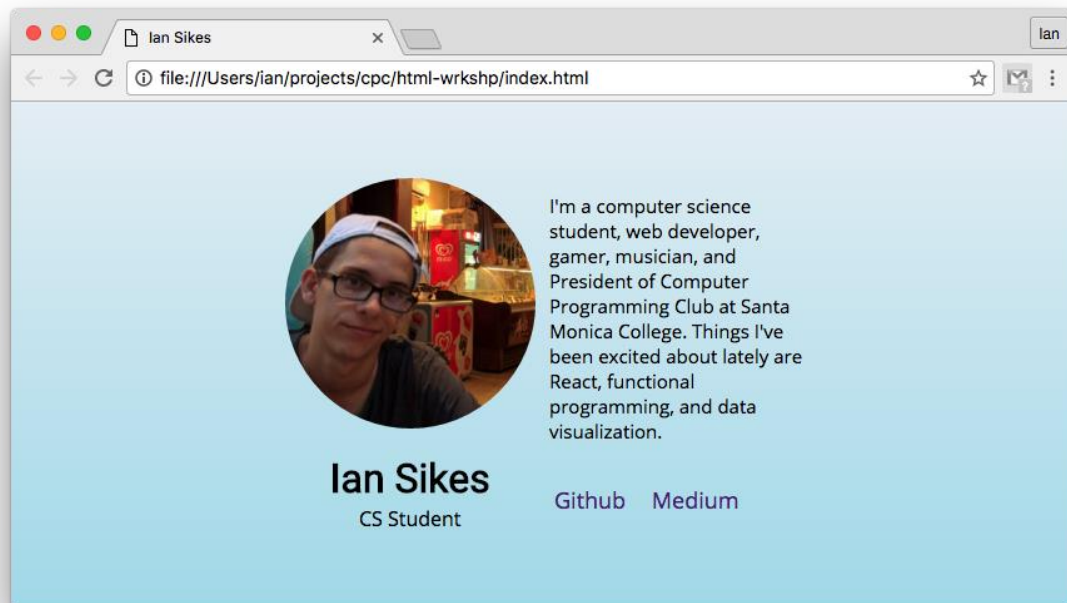
TUGAS BAGIAN KEDUA:

Khusus untuk yang telah mengerjakan tugas 000webhost:

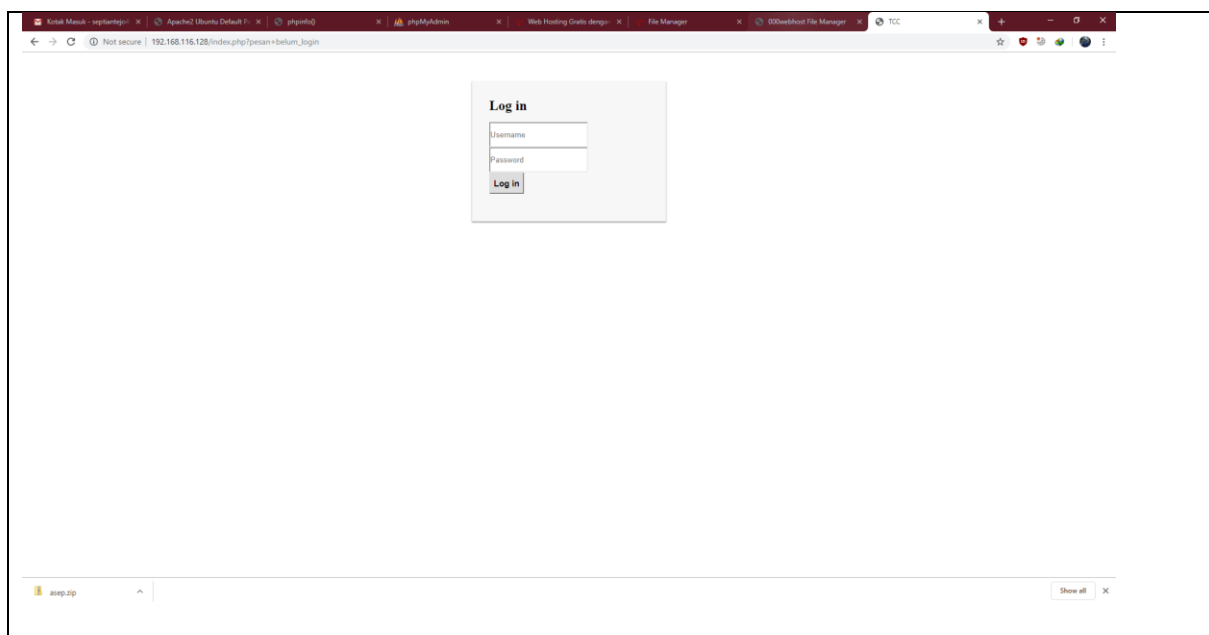
Unduh berkas PHP/HTML Rumah Makan yang tersimpan pada 000webhost Anda.

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.



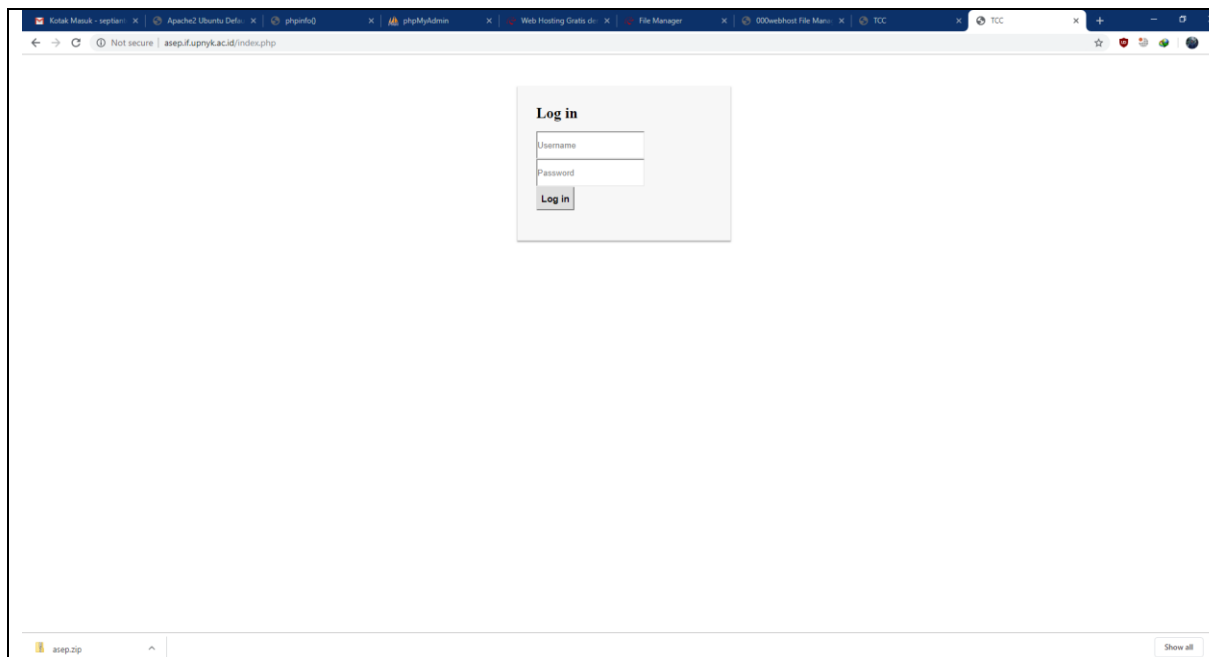
TUGAS BAGIAN KETIGA:

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. | 192.168.116.128 | Septian Tejo Kusuma | asep.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