



LEMBAR KERJA PRAKTIKUM CLOUD COMPUTING

INSTALASI DAN KONFIGURASI LAYANAN HOSTING DENGAN LAMPP (SAAS)

IDENTITAS:

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Hari, Tanggal:	Rabu, 19 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
```

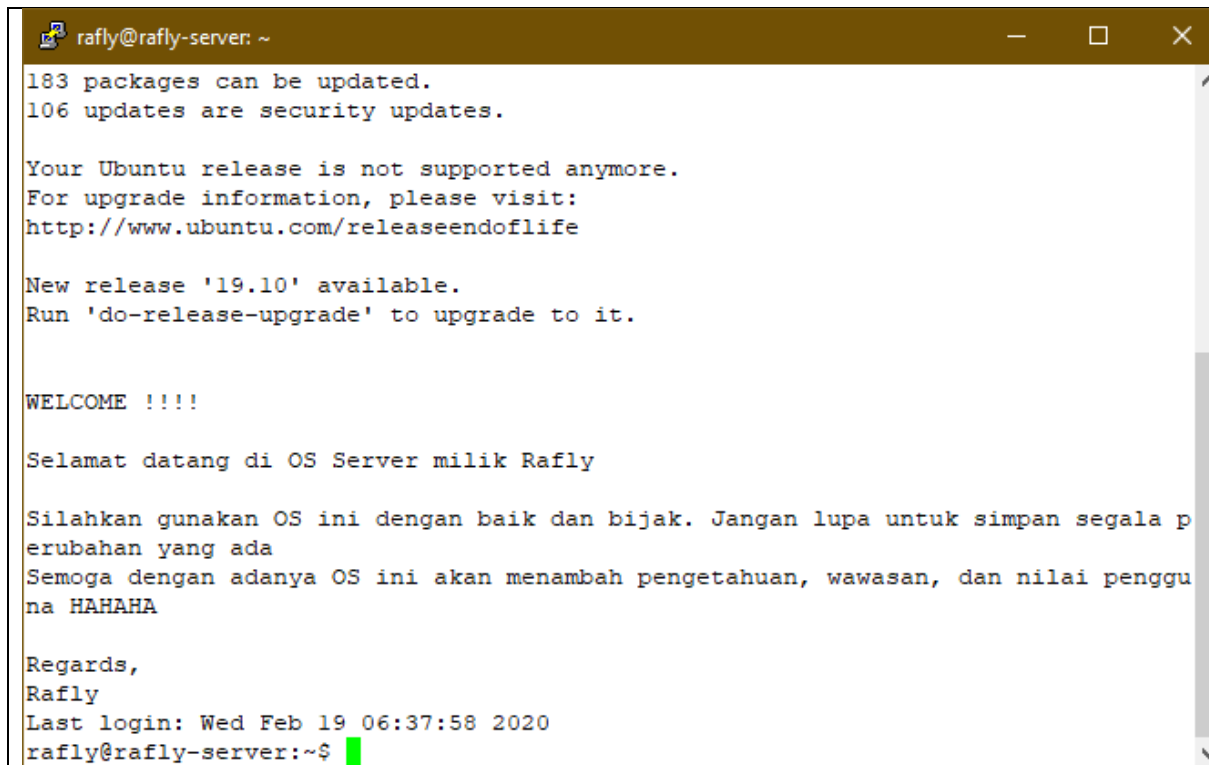
Perintah exit digunakan untuk keluar dari sesi akun aktif

3. Tampilkan pesan kesalahan pada saat login PHPMyAdmin



TUGAS BAGIAN PERTAMA:

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



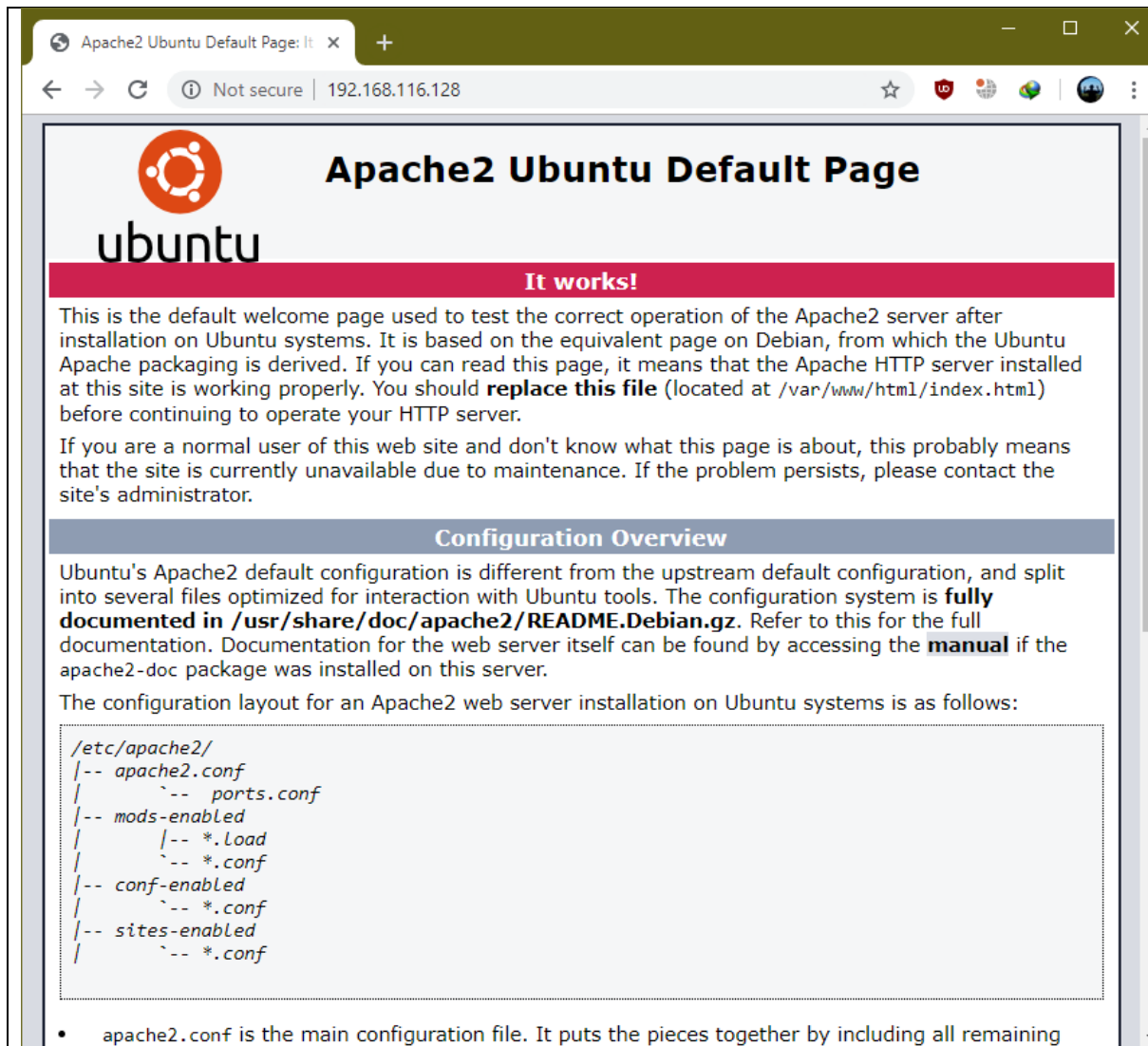
```
rafly@rafly-server: ~  
183 packages can be updated.  
106 updates are security updates.  
  
Your Ubuntu release is not supported anymore.  
For upgrade information, please visit:  
http://www.ubuntu.com/releaseendoflife  
  
New release '19.10' available.  
Run 'do-release-upgrade' to upgrade to it.  
  
WELCOME !!!!  
  
Selamat datang di OS Server milik Rafly  
  
Silahkan gunakan OS ini dengan baik dan bijak. Jangan lupa untuk simpan segala p  
erubahan yang ada  
Semoga dengan adanya OS ini akan menambah pengetahuan, wawasan, dan nilai penggu  
na HAHHAHA  
  
Regards,  
Rafly  
Last login: Wed Feb 19 06:37:58 2020  
rafly@rafly-server:~$
```

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

```
$ ifconfig
```

Setelah perintah ifconfig, akan muncul IP yang ada pada komputer kita.

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




4. Tampilkan proses instalasi MySQL

```
rafly@rafly-server: ~  
rafly@rafly-server:~$ 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 94 not upgraded.  
Need to get 21.2 MB of archives.  
After this operation, 161 MB of additional disk space will be used.  
Do you want to continue? [Y/n] y  
Get:1 http://archive.ubuntu.com/ubuntu cosmic/main amd64 mysql-common all 5.8+1.
```

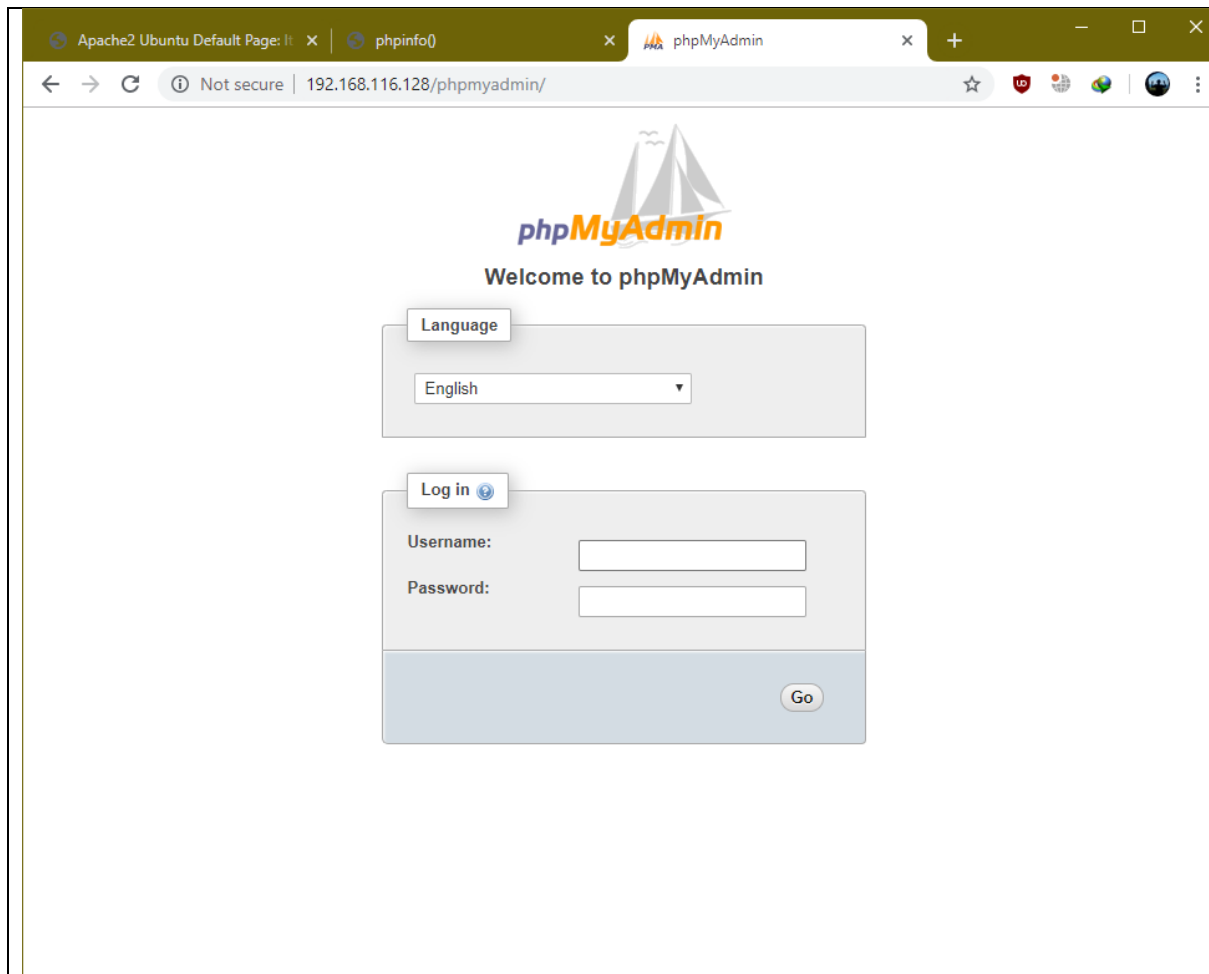
```
rafly@rafly-server: ~  
rafly@rafly-server:~$ sudo mysql_secure_installation  
  
Securing the MySQL server deployment.  
  
Connecting to MySQL using a blank password.  
The 'validate_password' plugin is installed on the server.  
The subsequent steps will run with the existing configuration  
of the plugin.  
Please set the password for root here.  
  
New password:  
  
Re-enter new password:  
  
Estimated strength of the password: 50  
Do you wish to continue with the password provided?(Press y|Y for Yes, any other  
key for No) : y  
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.
```

```
rafly@rafly-server: ~  
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.  
  
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!  
rafly@rafly-server:~$
```

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

<div> <div>Apache2 Ubuntu Default Page: It</div> <div>phpinfo()</div> </div> <div> <div>← → ↺</div> <div>Not secure 192.168.116.128/info.php</div> <div> <div>☆</div> <div>Ub</div> <div></div> <div></div> <div></div> </div> </div>	
<div> <div>PHP Version 7.2.19-0ubuntu0.18.10.1</div> <div>  </div> </div>	
System	Linux raffy-server 4.18.0-25-generic #26-Ubuntu SMP Mon Jun 24 09:32:08 UTC 2019 x86_64
Build Date	Jun 4 2019 14:46:43
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-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-sysvshm.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
Zend Multibyte Support	disabled
IPv6 Support	enabled
DTrace Support	available, disabled

6. Tampilkan halaman awal dari login PHPmyAdmin pada browser



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

```
$ UPDATE mysql.user SET plugin = 'mysql_native_password',  
authentication_string = PASSWORD('Sayurasem123$') WHERE User =  
'root';  
$ FLUSH PRIVILEGES;
```

Parameter flush privileges dilakukan untuk mengatur parameter plugin dari user root.

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

Documents - rafly@192.168.116.128 - WinSCP

Local Mark Files Commands Session Options Remote Help

Synchronize Queue Transfer Settings Default

rafly@192.168.116.128 X New Session

My documents Upload Edit Properties New Download Edit Properties New Find Files

C:\Users\Lab Informatika\Documents\ /home/rafly/

Name	Size	Type	Changed	Name	Size	Changed	Rights	Owner
..		Parent directory	20 Agt 2019 20.48.35	..		12 Feb 2020 14.48.10	rwxx-r-x	root
!!SHARE!!		File folder	16 Okt 2019 10.22.26					
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 8 hidden

SFTP-3 0.00.26

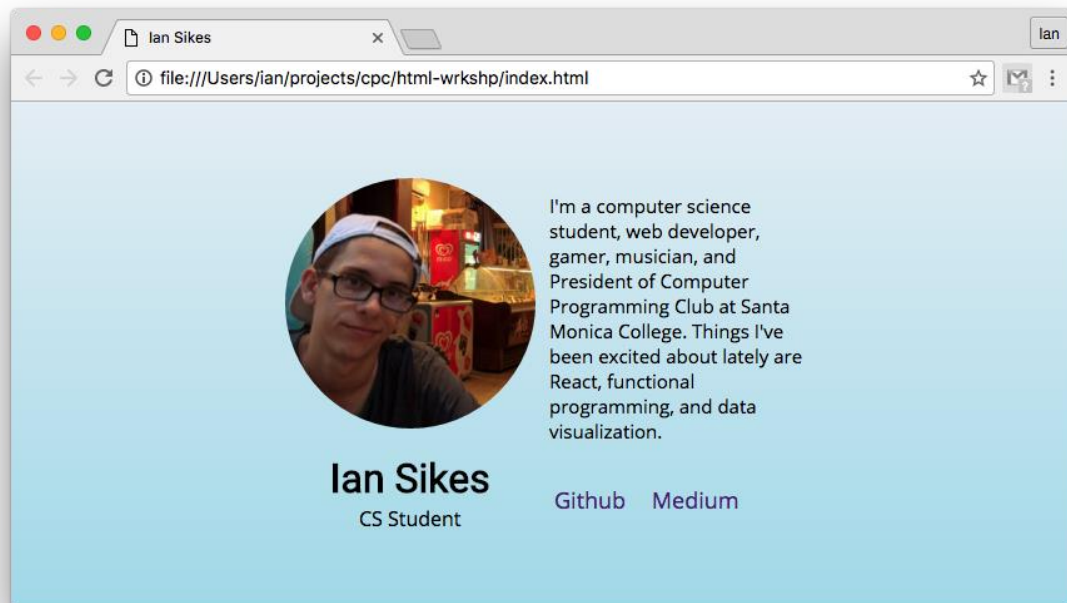
TUGAS BAGIAN KEDUA:

Khusus untuk yang telah mengerjakan tugas 000webhost:

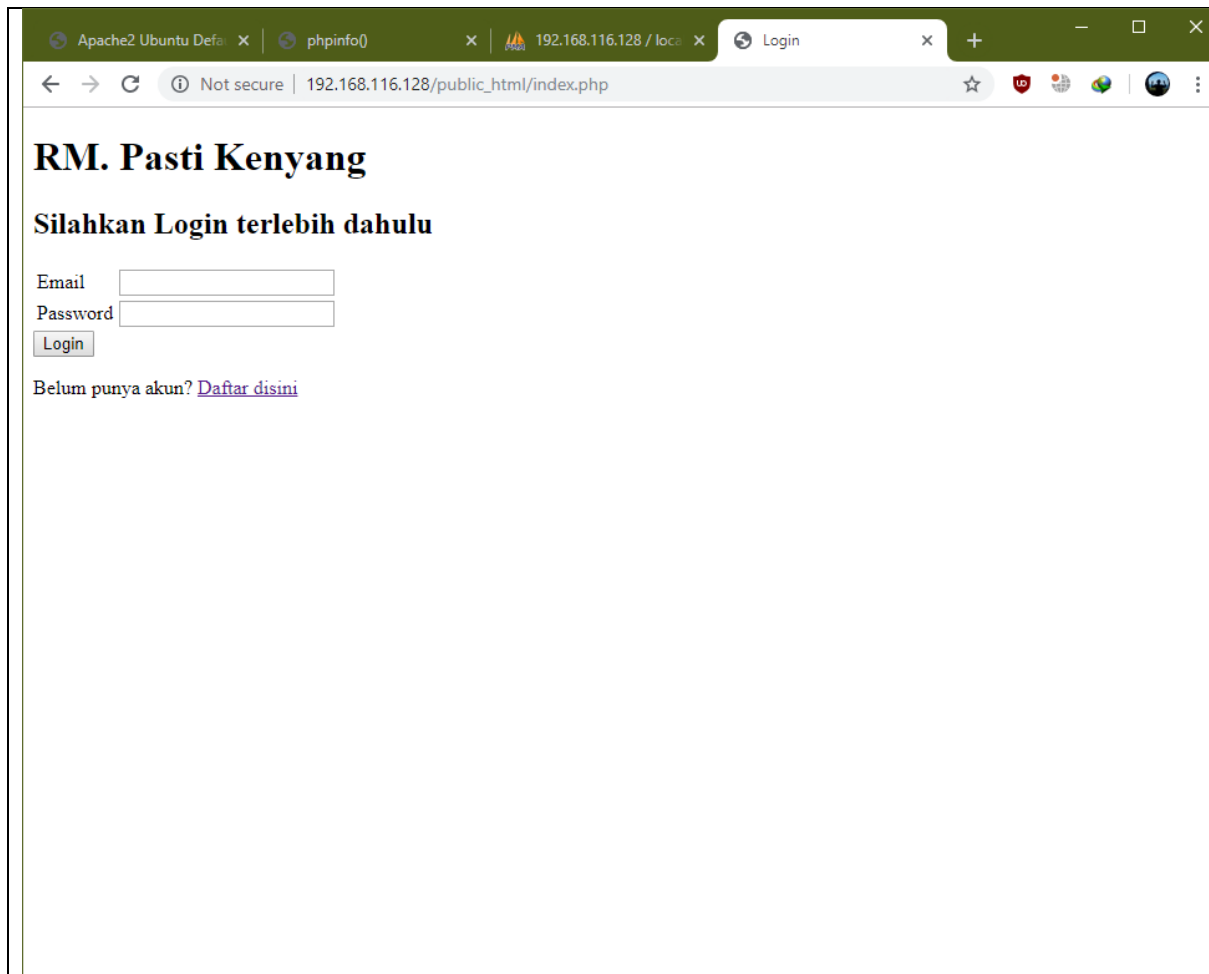
Unduh berkas PHP/HTML Rumah Makan yang tersimpan pada 000webhost Anda.

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.			.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