



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)



```
brucewayne@fajri-server: ~  
brucewayne@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 07:00:34 UTC 2020  
  
System load:  0.0           Processes:            160  
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 06:55:04 2020  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
brucewayne@fajri-server:~$
```

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

\$ Login lalu cari di bagian IP address for ens33 atau dengan memasukkan perintah "ifconfig"

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



4. Tampilkan proses instalasi MySQL

\$ sudo apt install mysql-server

```
brucewayne@fajri-server: ~
Rules updated (v6)
brucewayne@fajri-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 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]
```

Mengisi password, dengan NIM

```
brucewayne@fajri-server: ~  
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:  
Sorry, passwords do not match.  
  
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) : █
```

Masukkan nilai Y pada remove anonymous users

```
brucewayne@fajri-server: ~  
New password:  
  
Re-enter new password:  
Sorry, passwords do not match.  
  
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) : █
```

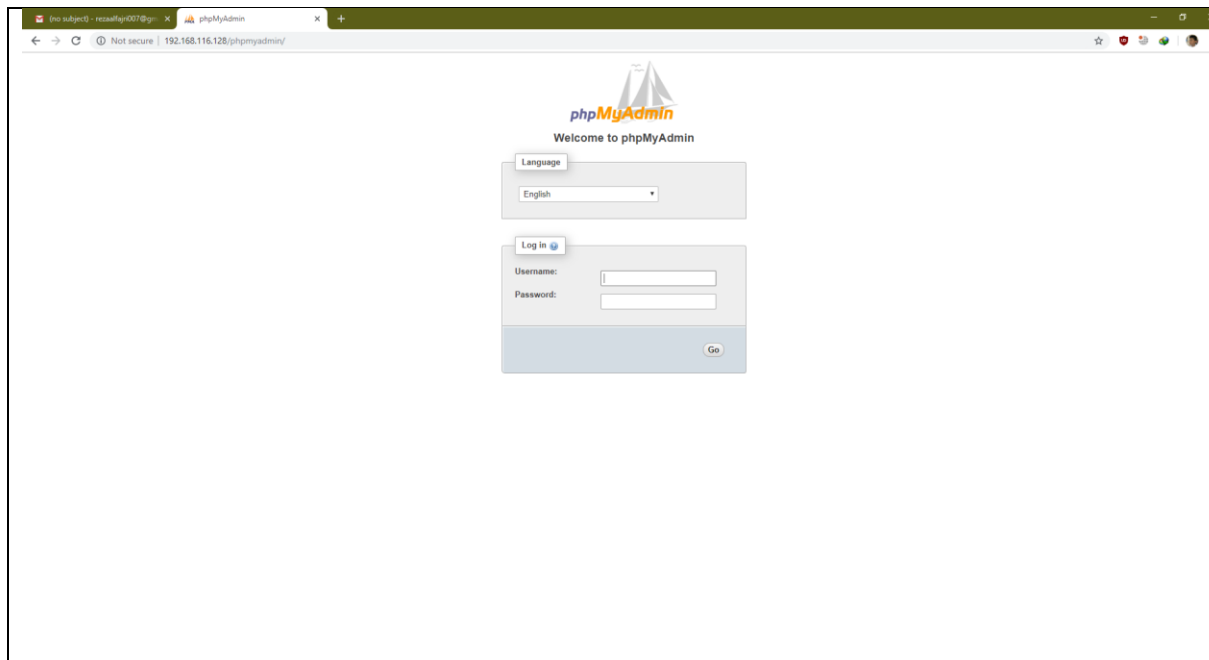
Masukkan nilai Y pada disallow root login remotely

```
brucewayne@fajri-server: ~  
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)  
: █
```

Masukkan nilai Y pada remove test database and access to it

```
brucewayne@fajri-server: ~  
'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) : █
```

Masukkan nilai Y pada reload privilege tables now



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

```
$ sudo mysql -u root
mysql> UPDATE mysql.user SET plugin = 'mysql_native_password',
authentication_string = PASSWORD('123170070') WHERE User = 'root';
mysql> FLUSH PRIVILEGES;
```

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

html - brucewayne@192.168.116.128 - WinSCP

Local Mark Files Commands Session Options Remote Help

Synchronize Queue Transfer Settings Default

brucewayne@192.168.116.128 X New Session

My documents Upload Edit Properties New Download 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 Feb 2020 13:30:09	..		20 Feb 2020 14:07:11	rw-r--r--	root
!SHARE!!		File folder	16 Okt 2019 10:22:26	index.html	11 KB	20 Feb 2020 14:07:14	rw-r--r--	root
Adobe		File folder	02 Agt 2019 22:14:46	info.php	1 KB	20 Feb 2020 14:25:33	rw-r--r--	root
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					
New folder		File folder	20 Feb 2020 13:30:09					
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 16 5 hidden 0 B of 10,6 KB in 0 of 2

SFTP-3 0.03.42

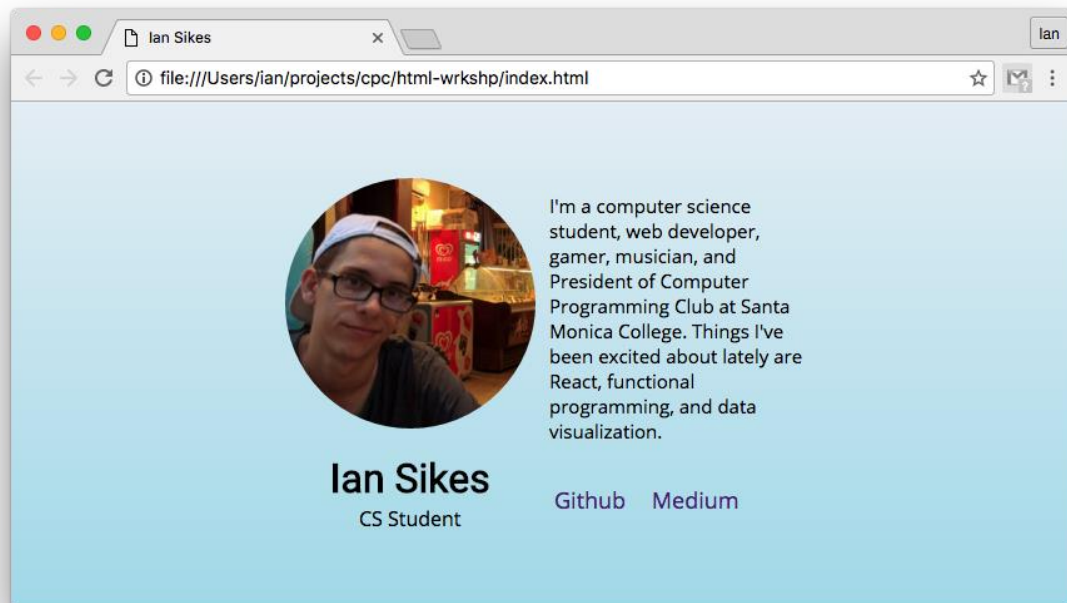
TUGAS BAGIAN KEDUA:

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)

tho subject - recast/0070g... Login

File Manager 00webhost File Manager Login

Not secure | 192.168.116.128/00w/

YOU AKHIR BULAN



login.2ip

Show all

Login sek bos

Username

Password

Login

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	Muhammad Yora Reza Alfajri	fajri .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