



LEMBAR KERJA PRAKTIKUM CLOUD COMPUTING

INSTALASI DAN KONFIGURASI LAYANAN HOSTING DENGAN LAMPP (SAAS)

IDENTITAS:

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Kelas:	C
Hari, Tanggal:	Jum'at 21 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:

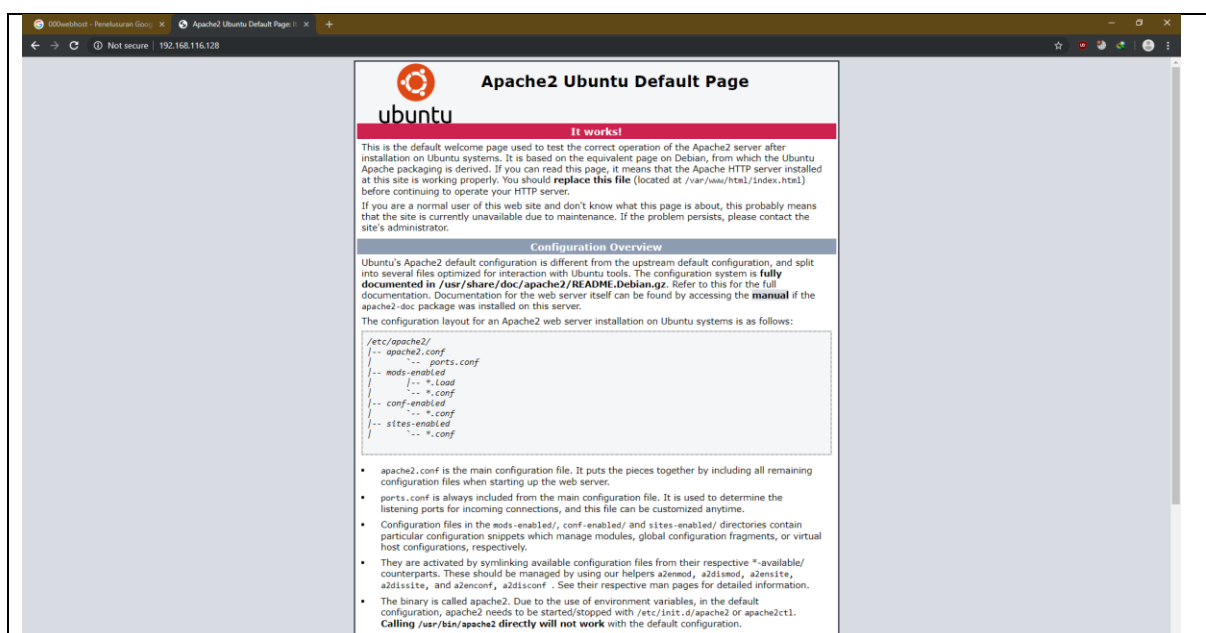
1. Tampilan hasil login Server Ubuntu pada PuTTY (tampilan dashboard/motd)

```
adbchtr@adbchtr-server: ~  
login as: adbchtr  
adbchtr@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 02:10:53 UTC 2020  
  
System load:  0.0           Processes:            161  
Usage of /:   19.9% of 19.56GB Users logged in:          1  
Memory usage: 15%          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 02:08:08 2020 from 192.168.116.1  
adbchtr@adbchtr-server:~$
```

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

```
adbchtr@adbchtr-server: ~  
0 updates are security updates.  
  
Last login: Fri Feb 21 02:20:41 2020 from 192.168.116.1  
adbchtr@adbchtr-server:~$ sudo apt install mysql-server  
[sudo] password for adbchtr:  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
mysql-server is already the newest version (5.7.29-0ubuntu0.18.04.1).  
0 upgraded, 0 newly installed, 0 to remove and 65 not upgraded.  
adbchtr@adbchtr-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:
```

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

000webhost - Penelusuran Google
phpinfo()

PHP Version 7.2.24-Ubuntu0.18.04.3



System	Linux aibc03b-server 4.15.0-82-generic #88-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-curl.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-ffi.ini, /etc/php/7.2/apache2/conf.d/20-fileinfo.ini, /etc/php/7.2/apache2/conf.d/20-gdlib.ini, /etc/php/7.2/apache2/conf.d/20-gettext.ini, /etc/php/7.2/apache2/conf.d/20-gmp.ini, /etc/php/7.2/apache2/conf.d/20-gnupg.ini, /etc/php/7.2/apache2/conf.d/20-gssapi.ini, /etc/php/7.2/apache2/conf.d/20-igmp.ini, /etc/php/7.2/apache2/conf.d/20-ldap.ini, /etc/php/7.2/apache2/conf.d/20-libxml.ini, /etc/php/7.2/apache2/conf.d/20-mcrypt.ini, /etc/php/7.2/apache2/conf.d/20-memcached.ini, /etc/php/7.2/apache2/conf.d/20-memtier.ini, /etc/php/7.2/apache2/conf.d/20-mongo.ini, /etc/php/7.2/apache2/conf.d/20-mongodb.ini, /etc/php/7.2/apache2/conf.d/20-mysqli.ini, /etc/php/7.2/apache2/conf.d/20-oci8.ini, /etc/php/7.2/apache2/conf.d/20-odbc.ini, /etc/php/7.2/apache2/conf.d/20-openssl.ini, /etc/php/7.2/apache2/conf.d/20-pdo_mysql.ini, /etc/php/7.2/apache2/conf.d/20-pdo_pgsql.ini, /etc/php/7.2/apache2/conf.d/20-pdo_sqlite.ini, /etc/php/7.2/apache2/conf.d/20-pdo_oci.ini, /etc/php/7.2/apache2/conf.d/20-pgsql.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-redis.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-sysvshm.ini, /etc/php/7.2/apache2/conf.d/20-sysvsem.ini, /etc/php/7.2/apache2/conf.d/20-telnetlib.ini
PHP API	20170718
PHP Extension	20170718
Zend Extension	320170718
Zend Extension Build	API20170718.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
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, tlsv1.1, tlsv1.2
Registered Stream Filters	zlib*, string.rot13, string.toupper, string.tolower, string.strip_tags, convert.*, consumed, dechunk, convert.iconv.*

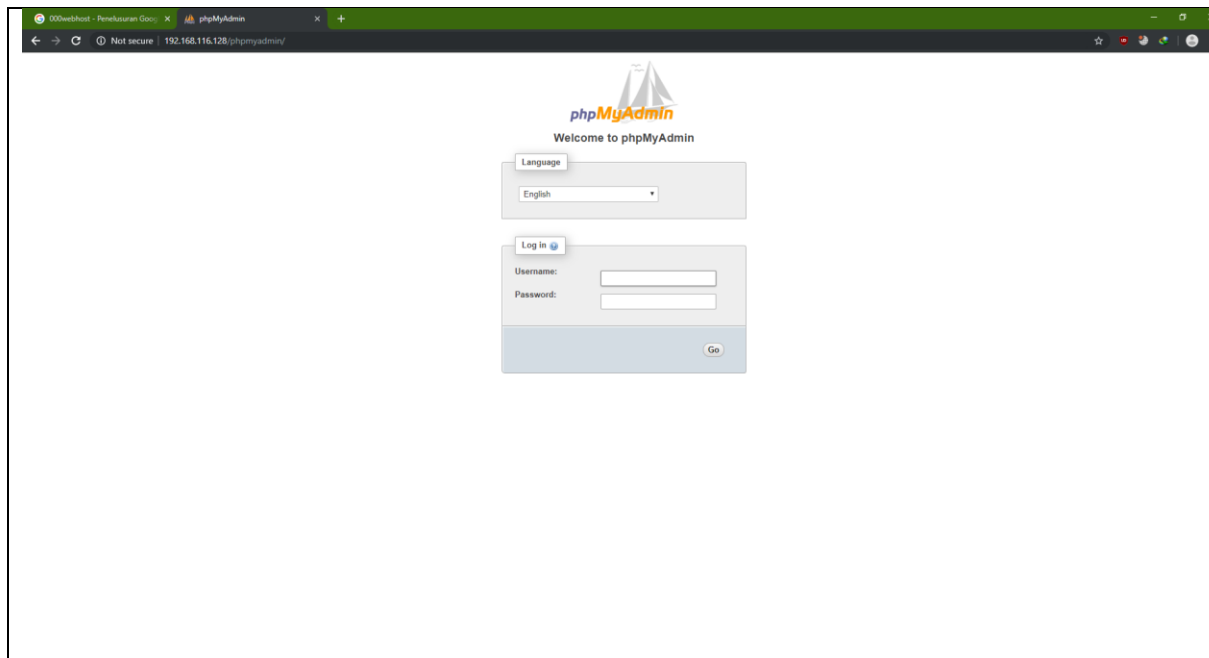
This program makes use of the Zend Scripting Language Engine:
 Zend Engine v2.2.0, Copyright (c) 1998-2018 Zend Technologies
 with Zend OPcache v7.2.24-Ubuntu0.18.04.3, Copyright (c) 1999-2018, by Zend Technologies



Configuration

apache2handler

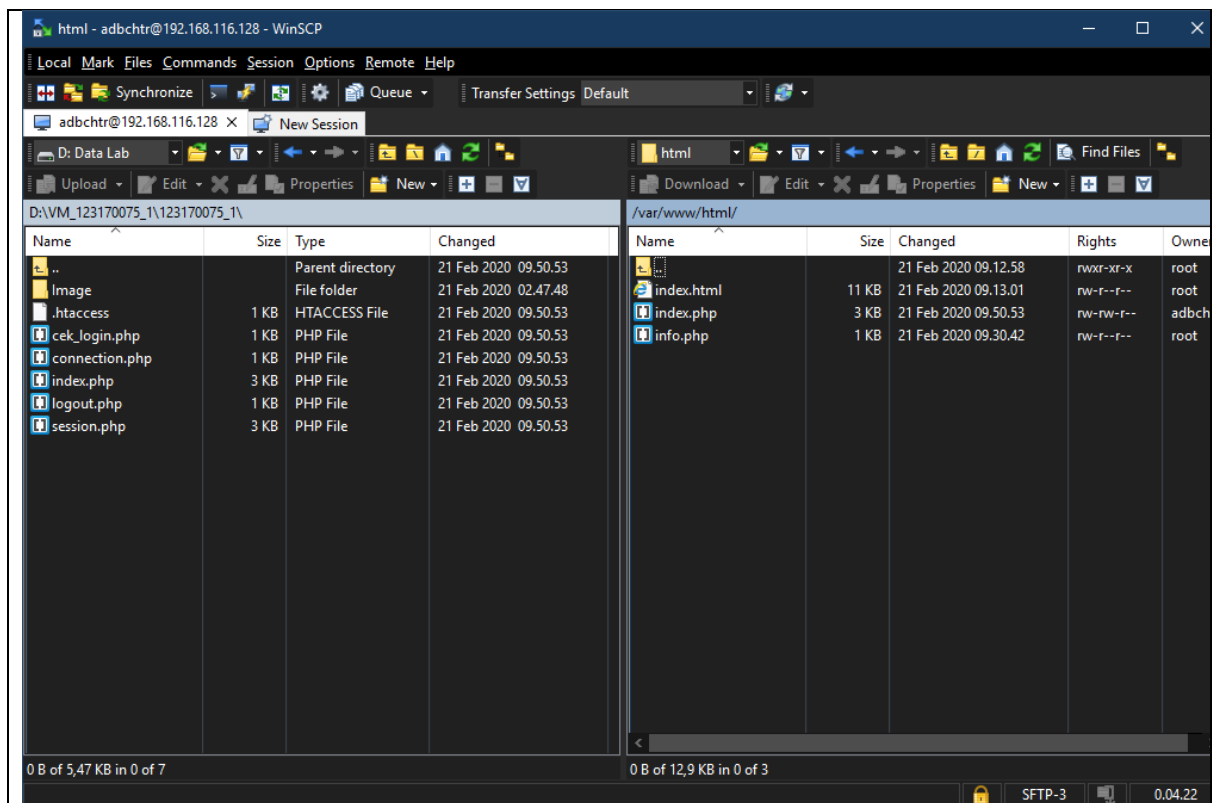
6. Tampilkan halaman awal dari login PHPmyAdmin pada browser



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

```
$ UPDATE mysql.user SET plugin =
'mysql_native_password',authentication_string =
PASSWORD('AdibbachtiaR123!')WHERE User='root';
FLUSH PRIVILEGES;
```

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.

(tampilan situs pada browser)

The screenshot shows a web browser window with multiple tabs. The active tab is titled "192.168.116.128 / localhost | php" and displays a login page. The page has a dark blue header with the text "Navbar Home". Below the header, the login form is centered. It includes a label "Username = adib" above a text input field containing "Enter Username". Below this is a line of text: "We'll never share your email with anyone else." followed by a label "Password = adibbach" above a text input field containing "Password". At the bottom of the form, there is a checkbox labeled "Check me out" and a blue "Submit" button.

File Manager x | 000webhost File Manager x | TUTAS 1 x | 192.168.116.128 / localhost | php x | TUTAS 1 x

← → Not secure | 192.168.116.128/index.php

Navbar Home

Username = adib

Enter Username

We'll never share your email with anyone else.

Password = adibbach

Password

☐ Check me out

Submit

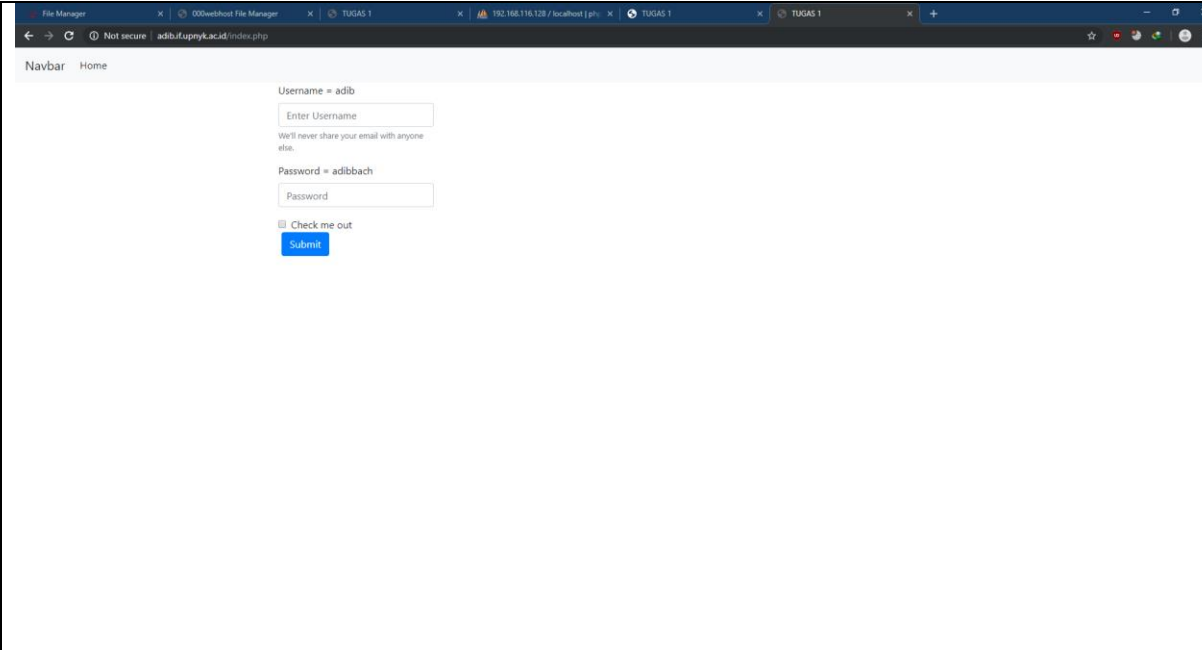
TUGAS BAGIAN KETIGA:

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	Adib Bachtiar	adib.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