LEMBAR KERJA PRAKTIKUM CLOUD COMPUTING

INSTALASI DAN KONFIGURASI LAYANAN HOSTING DENGAN LAMPP (SAAS)

IDENTITAS:

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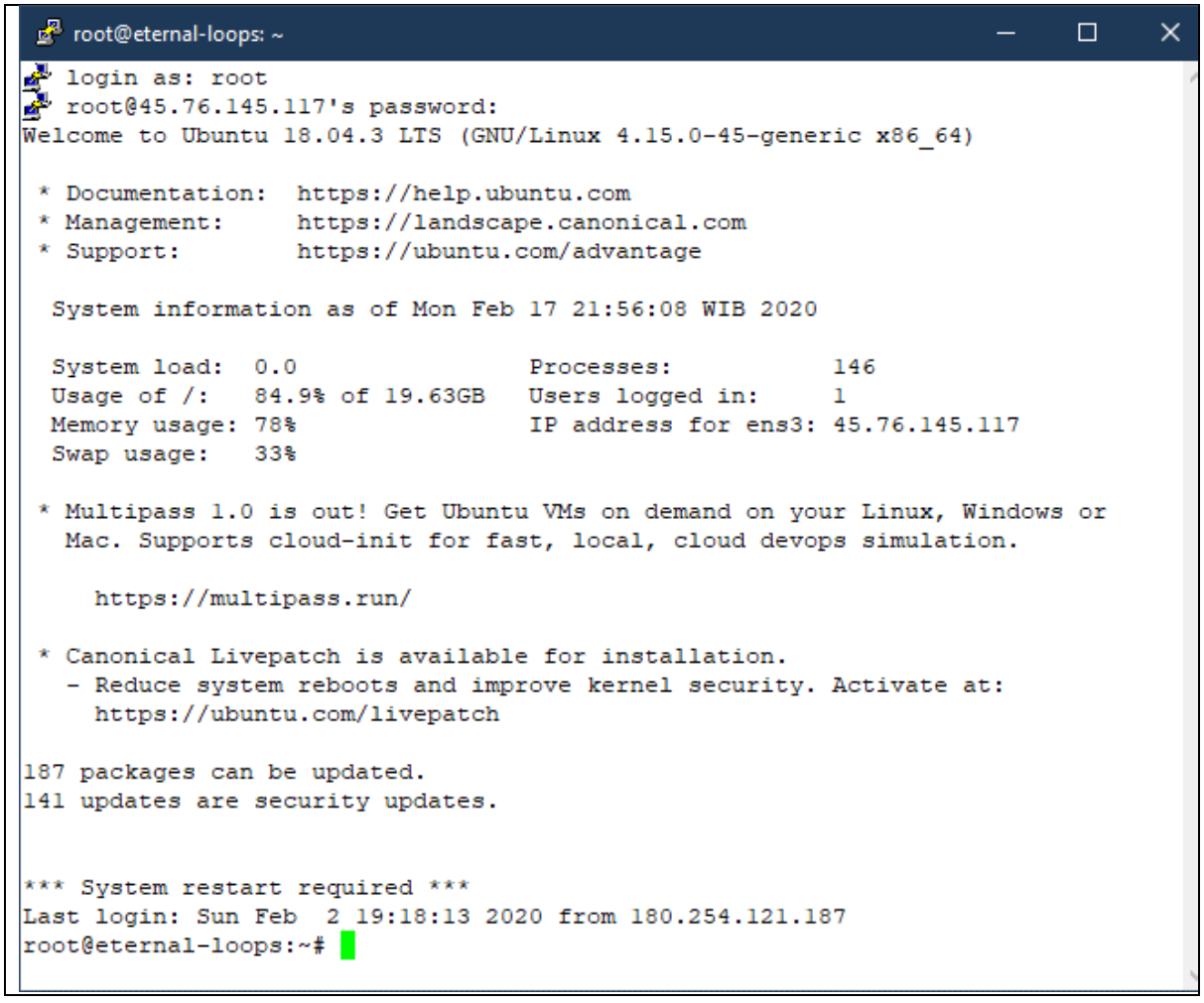
Kelas:	**B**
Hari, Tanggal:	**12 Maret 2020**

CONTOH ISIAN:

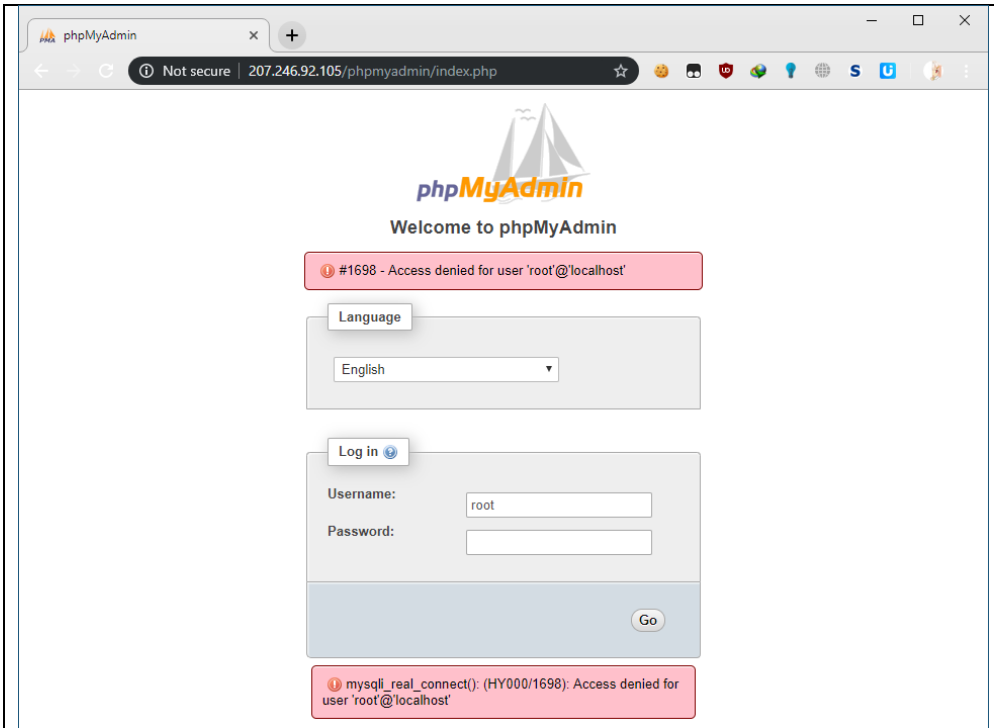
1. Tampilkan hasil login pada Ubuntu Server dengan menggunakan PuTTY



2. Deskripsikan parameter yang digunakan untuk keluar dari akun root

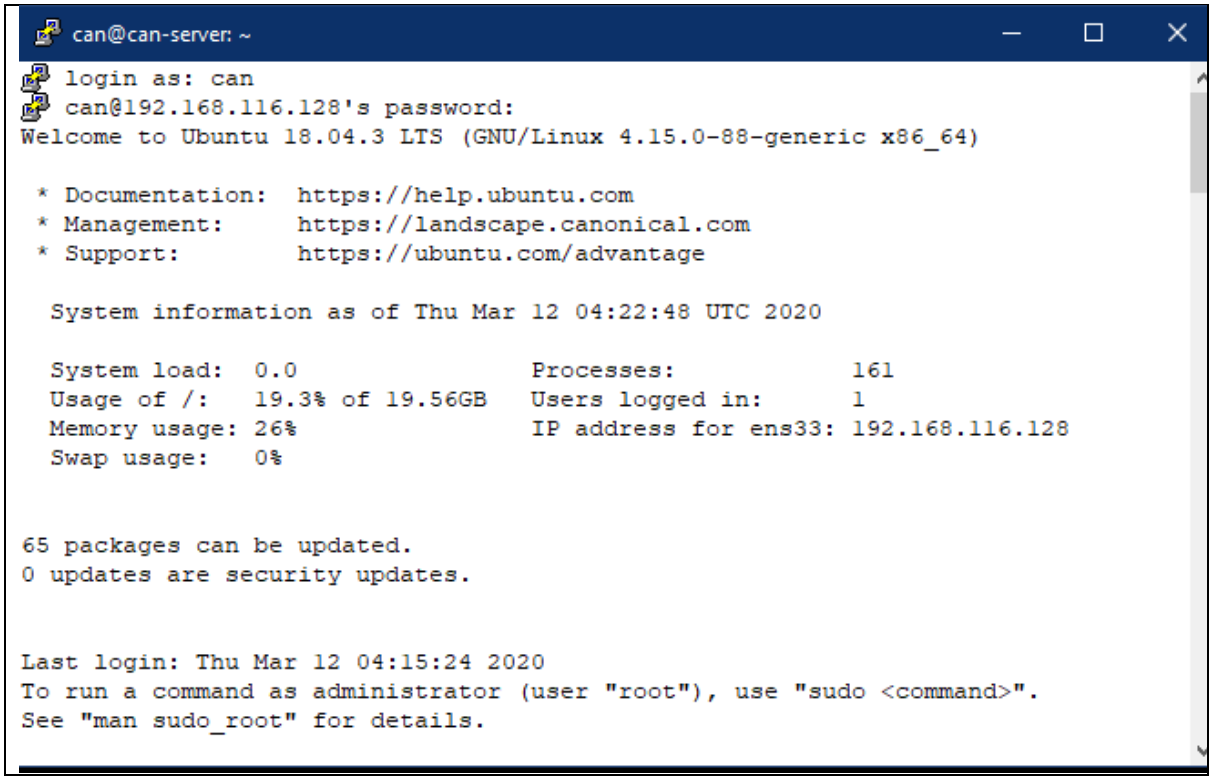
```
$ exit

Perintah exit digunakan untuk keluar dari sesi akun aktif
```

3. Tampilkan pesan kesalahan pada saat login PHPMyAdmin



TUGAS BAGIAN PERTAMA:

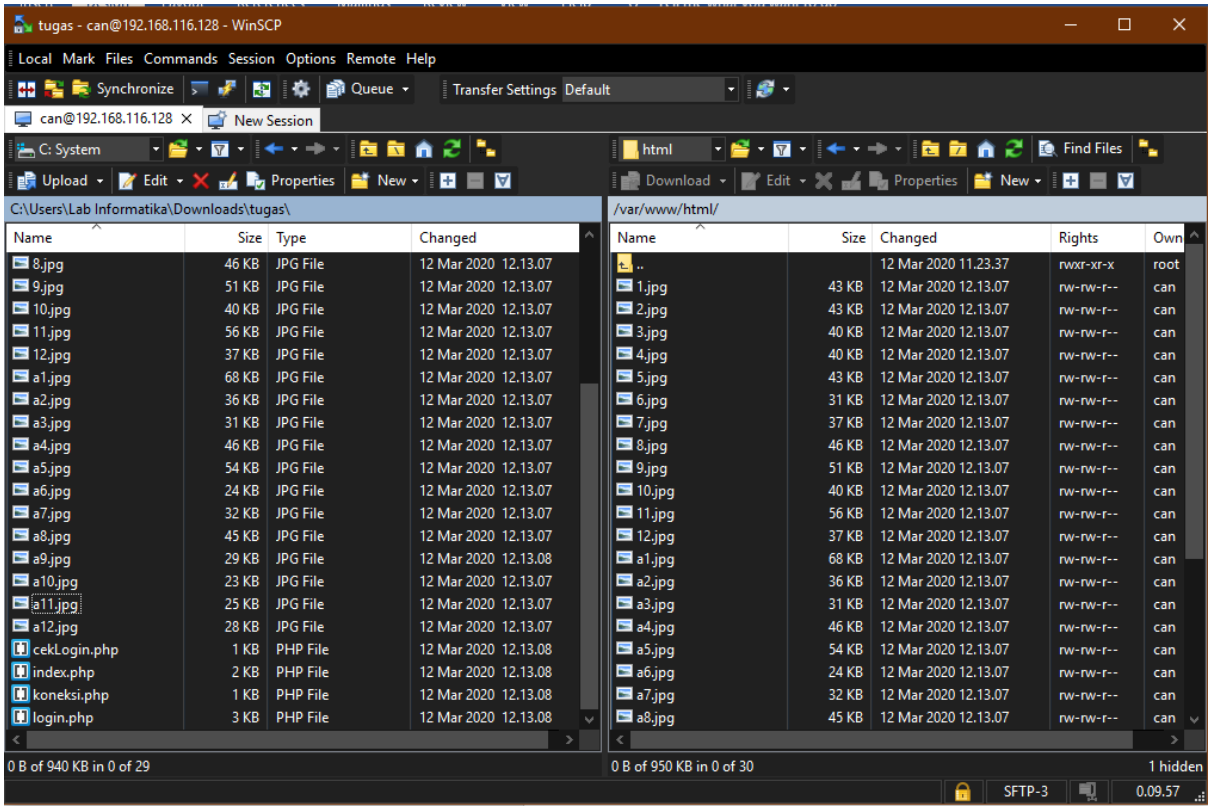
1. Tampilan hasil login Server Ubuntu pada PuTTY (tampilan dashboard/motd)



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

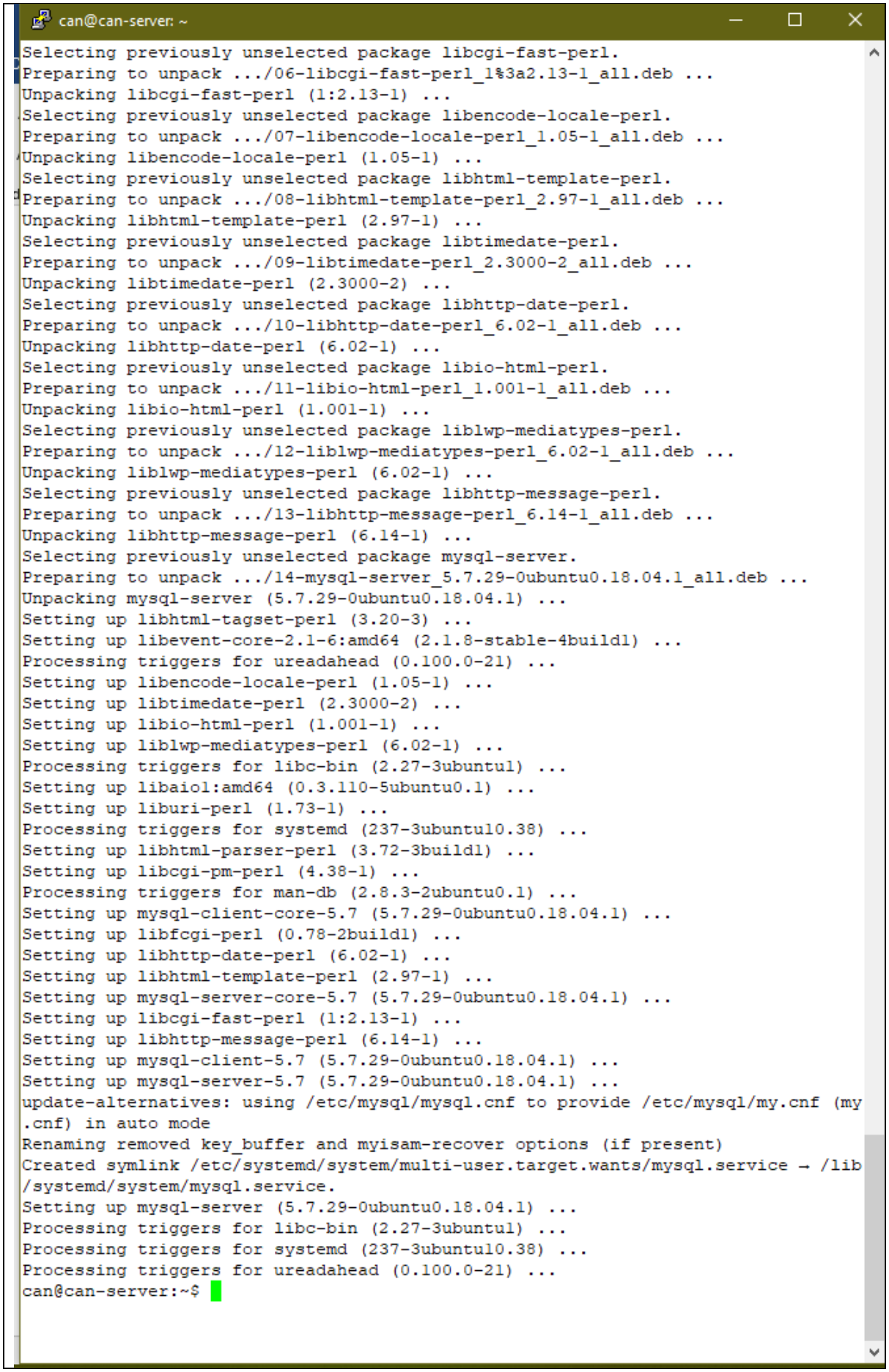
```
$ ipconfig
```

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

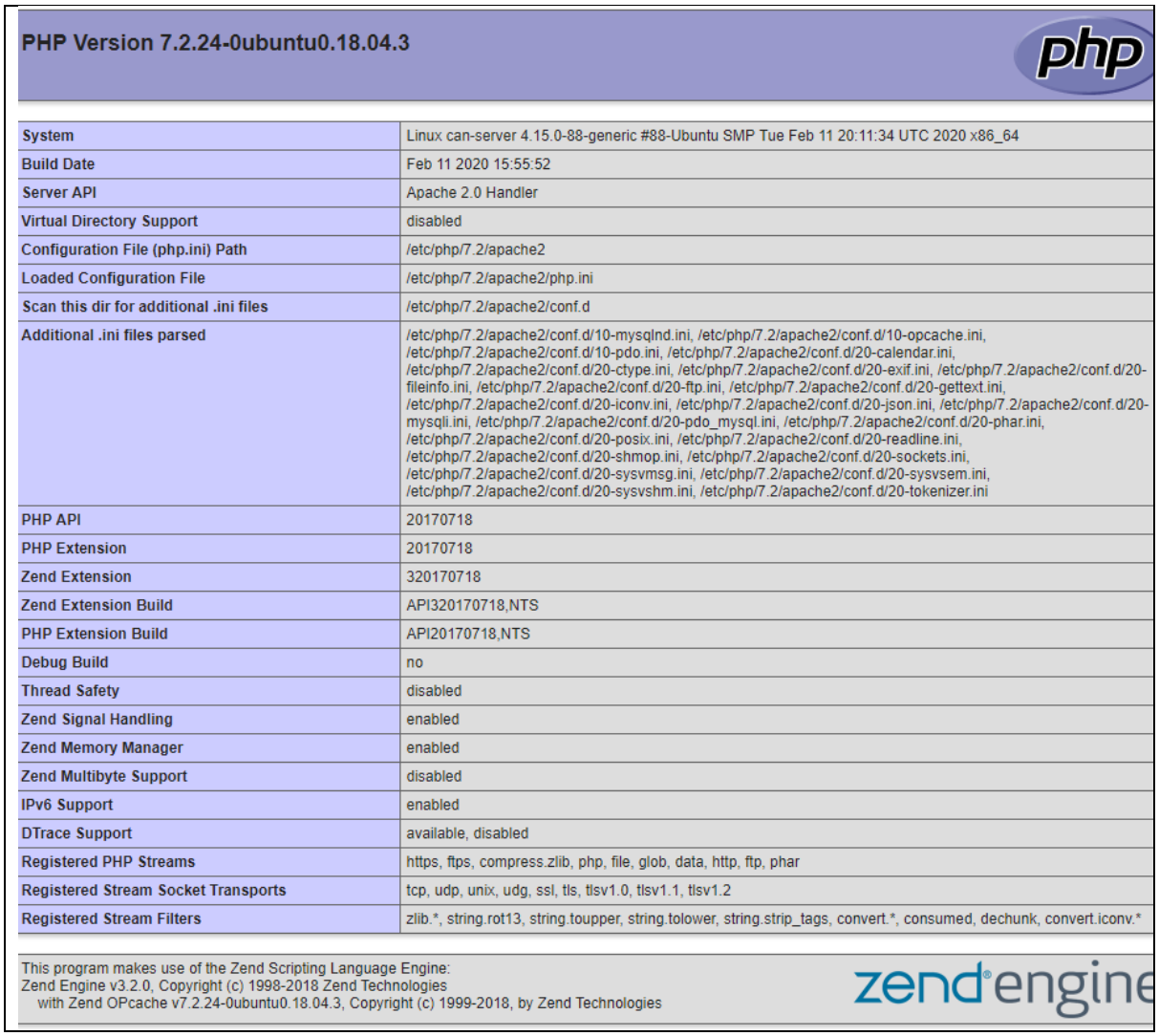


4. Tampilkan proses instalasi MySQL

```
can@can-server:~$ sudo apt install mysql-server
[sudo] password for can:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libaio1 libcgi-fast-perl libcgi-pm-perl libencode-locale-perl libevent-core-2.
  liblwp-mediatypes-perl libtimedate-perl liburi-perl mysql-client-5.7 mysql-cli
Suggested packages:
  libdata-dump-perl libipc-sharedcache-perl libwww-perl mailx tinyca
The following NEW packages will be installed:
  libaio1 libcgi-fast-perl libcgi-pm-perl libencode-locale-perl libevent-core-2.
  liblwp-mediatypes-perl libtimedate-perl liburi-perl mysql-client-5.7 mysql-cli
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
Get:2 http://id.archive.ubuntu.com/ubuntu bionic-updates/main amd64 libaio1 amd6
Get:3 http://id.archive.ubuntu.com/ubuntu bionic-updates/main amd64 mysql-client
Get:4 http://id.archive.ubuntu.com/ubuntu bionic-updates/main amd64 mysql-client
Get:5 http://id.archive.ubuntu.com/ubuntu bionic-updates/main amd64 mysql-server
Get:6 http://id.archive.ubuntu.com/ubuntu bionic/main amd64 libevent-core-2.1-6
Get:7 http://id.archive.ubuntu.com/ubuntu bionic-updates/main amd64 mysql-server
Get:8 http://id.archive.ubuntu.com/ubuntu bionic/main amd64 libhtml-tagset-perl
Get:9 http://id.archive.ubuntu.com/ubuntu bionic/main amd64 liburi-perl all 1.73
Get:10 http://id.archive.ubuntu.com/ubuntu bionic/main amd64 libhtml-parser-perl
Get:11 http://id.archive.ubuntu.com/ubuntu bionic/main amd64 libcgi-pm-perl all
Get:12 http://id.archive.ubuntu.com/ubuntu bionic/main amd64 libfcgi-perl amd64
Get:13 http://id.archive.ubuntu.com/ubuntu bionic/main amd64 libcgi-fast-perl al
Get:14 http://id.archive.ubuntu.com/ubuntu bionic/main amd64 libencode-locale-pe
Get:15 http://id.archive.ubuntu.com/ubuntu bionic/main amd64 libhtml-template-pe
Get:16 http://id.archive.ubuntu.com/ubuntu bionic/main amd64 libtimedate-perl al
Get:17 http://id.archive.ubuntu.com/ubuntu bionic/main amd64 libhttp-date-perl a
Get:18 http://id.archive.ubuntu.com/ubuntu bionic/main amd64 libio-html-perl all
Get:19 http://id.archive.ubuntu.com/ubuntu bionic/main amd64 liblwp-mediatypes-p
Get:20 http://id.archive.ubuntu.com/ubuntu bionic/main amd64 libhttp-message-per
Get:21 http://id.archive.ubuntu.com/ubuntu bionic-updates/main amd64 mysql-serve
Fetched 19.7 MB in 1min 21s (242 kB/s)
Preconfiguring packages ...
Selecting previously unselected package mysql-common.
(Reading database ... 67672 files and directories currently installed.)
Preparing to unpack .../0-mysql-common_5.8+1.0.4_all.deb ...
Unpacking mysql-common (5.8+1.0.4) ...
Selecting previously unselected package libaio1:amd64.
Preparing to unpack .../1-libaio1_0.3.110-5ubuntu0.1_amd64.deb ...
Unpacking libaio1:amd64 (0.3.110-5ubuntu0.1) ...
Selecting previously unselected package mysql-client-core-5.7.
Preparing to unpack .../2-mysql-client-core-5.7_5.7.29-0ubuntu0.18.04.1_amd64.de
```


can@can-server: ~
Selecting previously unselected package libcgi-fast-perl.
Preparing to unpack .../06-libcgi-fast-perl_1%3a2.13-1_all.deb ...
Unpacking libcgi-fast-perl (1:2.13-1) ...
Selecting previously unselected package libencode-locale-perl.
Preparing to unpack .../07-libencode-locale-perl_1.05-1_all.deb ...
Unpacking libencode-locale-perl (1.05-1) ...
Selecting previously unselected package libhtml-template-perl.
Preparing to unpack .../08-libhtml-template-perl_2.97-1_all.deb ...
Unpacking libhtml-template-perl (2.97-1) ...
Selecting previously unselected package libtimedate-perl.
Preparing to unpack .../09-libtimedate-perl_2.3000-2_all.deb ...
Unpacking libtimedate-perl (2.3000-2) ...
Selecting previously unselected package libhttp-date-perl.
Preparing to unpack .../10-libhttp-date-perl_6.02-1_all.deb ...
Unpacking libhttp-date-perl (6.02-1) ...
Selecting previously unselected package libio-html-perl.
Preparing to unpack .../11-libio-html-perl_1.001-1_all.deb ...
Unpacking libio-html-perl (1.001-1) ...
Selecting previously unselected package liblwp-mediatypes-perl.
Preparing to unpack .../12-liblwp-mediatypes-perl_6.02-1_all.deb ...
Unpacking liblwp-mediatypes-perl (6.02-1) ...
Selecting previously unselected package libhttp-message-perl.
Preparing to unpack .../13-libhttp-message-perl_6.14-1_all.deb ...
Unpacking libhttp-message-perl (6.14-1) ...
Selecting previously unselected package mysql-server.
Preparing to unpack .../14-mysql-server_5.7.29-0ubuntu0.18.04.1_all.deb ...
Unpacking mysql-server (5.7.29-0ubuntu0.18.04.1) ...
Setting up libhtml-tagset-perl (3.20-3) ...
Setting up libevent-core-2.1-6:amd64 (2.1.8-stable-4build1) ...
Processing triggers for ureadahead (0.100.0-21) ...
Setting up libencode-locale-perl (1.05-1) ...
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 libaio1: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)
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) ...
can@can-server:~$

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

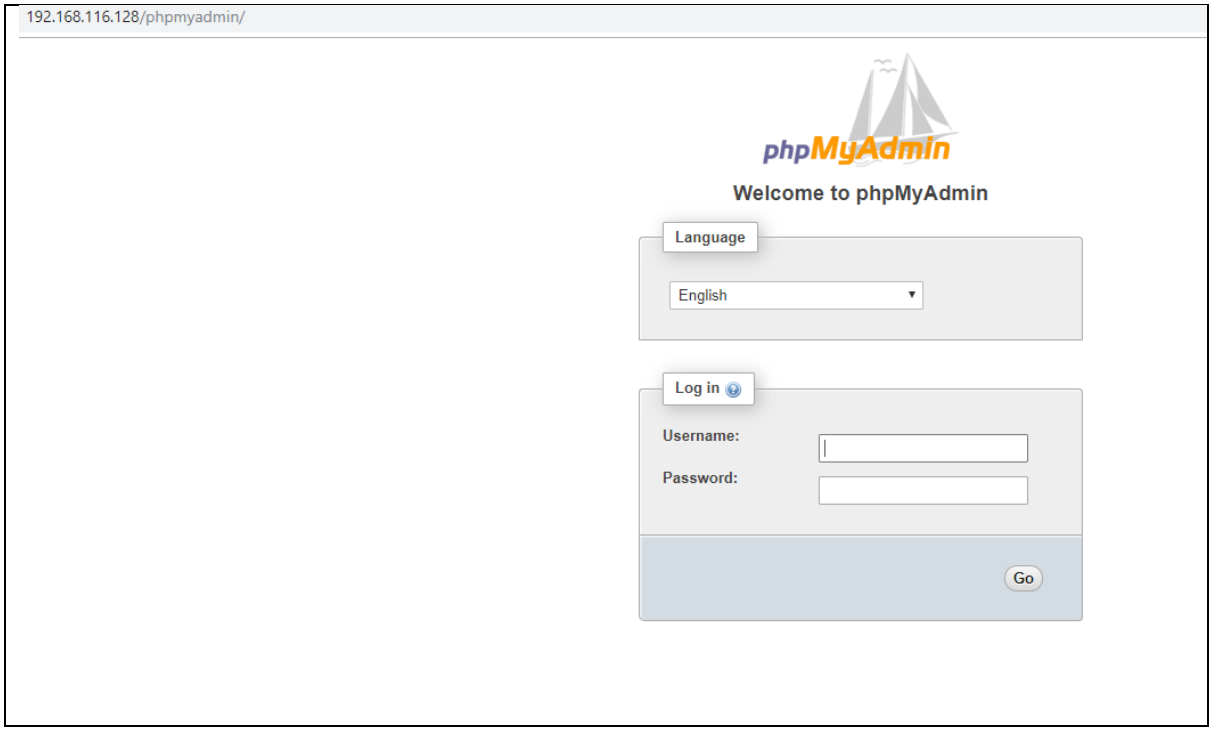


PHP Version 7.2.24-0ubuntu0.18.04.3

System	Linux can-server 4.15.0-88-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-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
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.*

This program makes use of the Zend Scripting Language Engine:
Zend Engine v3.2.0, Copyright (c) 1998-2018 Zend Technologies
with Zend OPcache v7.2.24-0ubuntu0.18.04.3, Copyright (c) 1999-2018, by Zend Technologies

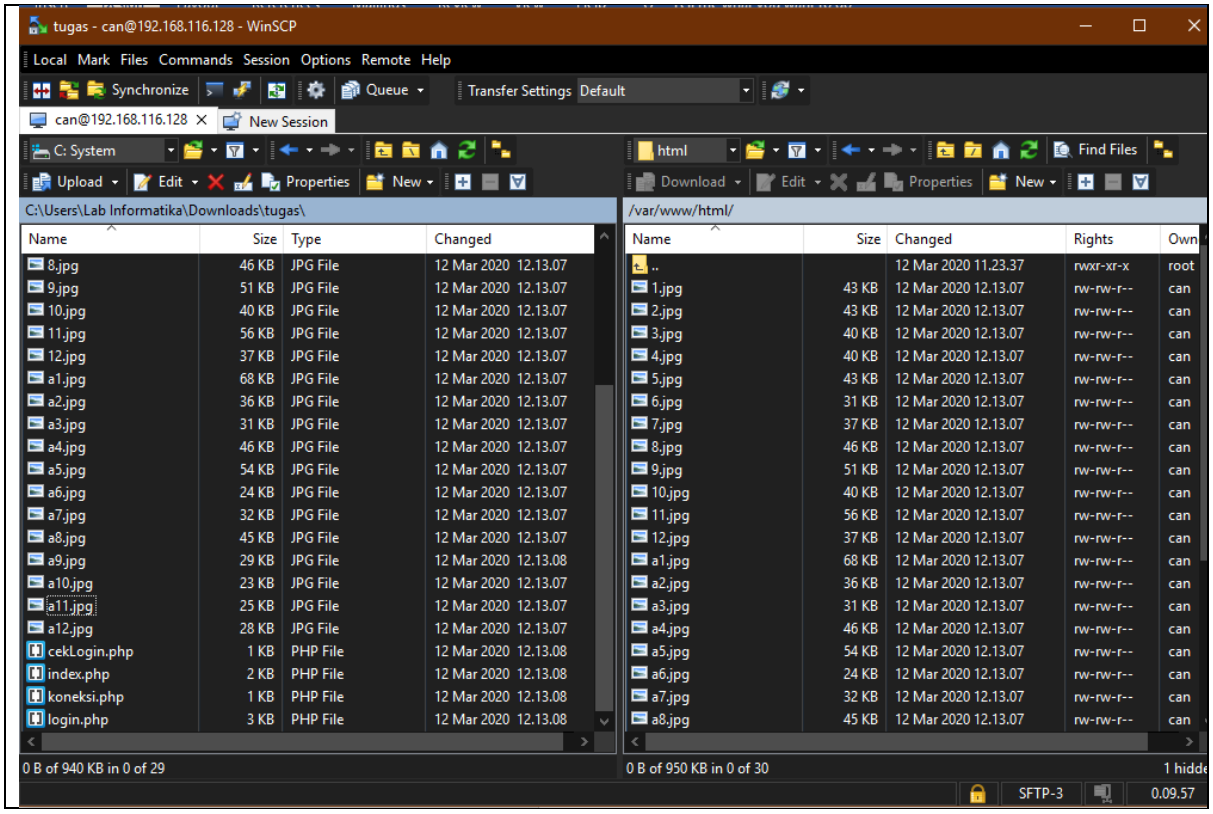
6. Tampilkan halaman awal dari login PHPmyAdmin pada browser



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
('123170065') WHERE User ='root';
Mysql>FLUSH PRIVILEGES;
```

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


tugas - can@192.168.116.128 - WinSCP
Local Mark Files Commands Session Options Remote Help
Synchronize
Queue
Transfer Settings Default
can@192.168.116.128
New Session
C: System
Upload
Edit
Properties
New
C:\Users\Lab Informatika\Downloads\tugas\
Name Size Type Changed
8.jpg 46 KB JPG File 12 Mar 2020 12.13.07
9.jpg 51 KB JPG File 12 Mar 2020 12.13.07
10.jpg 40 KB JPG File 12 Mar 2020 12.13.07
11.jpg 56 KB JPG File 12 Mar 2020 12.13.07
12.jpg 37 KB JPG File 12 Mar 2020 12.13.07
a1.jpg 68 KB JPG File 12 Mar 2020 12.13.07
a2.jpg 36 KB JPG File 12 Mar 2020 12.13.07
a3.jpg 31 KB JPG File 12 Mar 2020 12.13.07
a4.jpg 46 KB JPG File 12 Mar 2020 12.13.07
a5.jpg 54 KB JPG File 12 Mar 2020 12.13.07
a6.jpg 24 KB JPG File 12 Mar 2020 12.13.07
a7.jpg 32 KB JPG File 12 Mar 2020 12.13.07
a8.jpg 45 KB JPG File 12 Mar 2020 12.13.07
a9.jpg 29 KB JPG File 12 Mar 2020 12.13.08
a10.jpg 23 KB JPG File 12 Mar 2020 12.13.07
a11.jpg 25 KB JPG File 12 Mar 2020 12.13.07
a12.jpg 28 KB JPG File 12 Mar 2020 12.13.07
cekLogin.php 1 KB PHP File 12 Mar 2020 12.13.08
index.php 2 KB PHP File 12 Mar 2020 12.13.08
koneksi.php 1 KB PHP File 12 Mar 2020 12.13.08
login.php 3 KB PHP File 12 Mar 2020 12.13.08
0 B of 940 KB in 0 of 29
html
Find Files
Download
Edit
Properties
New
/var/www/html/
Name Size Changed Rights Own
.. 12 Mar 2020 11.23.37 rwxr-xr-x root
1.jpg 43 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
2.jpg 43 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
3.jpg 40 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
4.jpg 40 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
5.jpg 43 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
6.jpg 31 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
7.jpg 37 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
8.jpg 46 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
9.jpg 51 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
10.jpg 40 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
11.jpg 56 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
12.jpg 37 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
a1.jpg 68 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
a2.jpg 36 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
a3.jpg 31 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
a4.jpg 46 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
a5.jpg 54 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
a6.jpg 24 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
a7.jpg 32 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
a8.jpg 45 KB 12 Mar 2020 12.13.07 rw-rw-r-- can
0 B of 950 KB in 0 of 30
1 hidde
SFTP-3
0.09.57

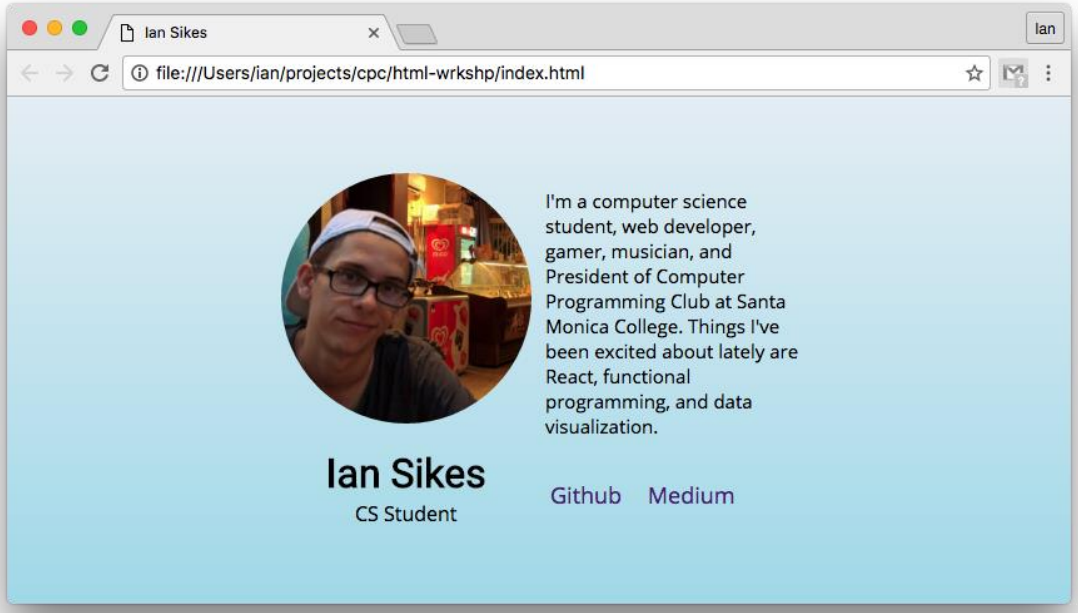
TUGAS BAGIAN KEDUA:

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