LAMP stack CONFIGURATION USING UBUNTU

INSTALL APACHE

sudo su

apt update

apt install apache2

test the public IP address

INSTALL MY SQL

apt install mysql-server

mysql\_secure\_installation

if failed, go to mysql

enter ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql\_native\_password by 'lampstack@123';

after query ok

rerun ; mysql\_secure\_installation

enter same password as above, then yes to remove anonymous user, test database, disable remote root logins and load these new rules

enter mysql -u root -p and enter same password

INSTALL PHP

apt install php libapache2-mod-php php-mysql

sudo systemctl restart apache2

TO MAKE A VIRTUAL HOST

sudo mkdir /var/www/your\_domain(exercise)

sudo chown -R $USER:$USER /var/www/exercise

sudo chmod -R 755 /var/www/your\_domain

nano /var/www/exercise/index.html

Enter and save below

<html>

<head>

<title>Welcome to Exercise!</title>

</head>

<body>

<h1>Success! The your\_domain server block is working!</h1>

</body>

</html>

nano /etc/apache2/sites-available/exercise.conf

enter and save below

<VirtualHost \*:80>

ServerAdmin webmaster@localhost

ServerName exercise

ServerAlias www.exercise

DocumentRoot /var/www/exercise

ErrorLog ${APACHE\_LOG\_DIR}/error.log

CustomLog ${APACHE\_LOG\_DIR}/access.log combined

</VirtualHost>

a2ensite exercise.conf

a2dissite 000-default.conf

apache2ctl configtest

sudo systemctl restart apache2

Testing PHP on webserver

nano /var/www/exercise/info.php

add info and save:

<?php

phpinfo();

run http:// myserverip/info.php