1. *A LAMP (Linux, Apache, MySQL, PHP) stack is a common, free and open-source web stack used for hosting web content in a Linux environment.*
2. *PhpMyAdmin is open source, well known, and intuitive web-based frontend for administering MySQL and MariaDB database.*
3. *It supports various database operations, and it allow you to easily manage your databases from a web interface.*

***Configuration on ubuntu 18.04 Open the file***

vi /etc/netplan/50-cloud-init.yaml

network:

version: 2

ethernets:

enp0s3:

dhcp4: no

addresses: [192.168.72.80/24]

gateway4: 192.168.72.1

nameservers:

addresses: [8.8.8.8,8.8.4.4]

netplan apply

***Now Lamp Stack Configuration***

apt-get update

apt-get install apache2 -y

ufw allow 80/tcp

ufw reload

***Now create directory inside html***

cd /var/www/html/

mkdir deep.com

cd deep.com

vi index.html

***write something inside of file***

Hiiiiiiiiiiii

***save the file and go to one step back***

***Now add new user in a group git***

groupadd git

***Ownership to the user and change the permission***

chown -Rf www-data:git deep.com

chmod -Rf 775 /var/www/html/deep.com

***and also change subdomain configuartion in a file***

vi /etc/apache2/sites-available/deep.com.conf

<VirtualHost \*:80>

ServerAdmin deep.com

ServerName www.deep.com

DirectoryIndex index.html

DocumentRoot /var/www/html/deep.com

</VirtualHost>

***And give Directory permissions in, if suddenly apache file closes then we have to use this file***

*vi /etc/apache2/apache2.conf*

*Go at line no. 164 and change and put at there.........*

<Directory /var/www/html/deep.com>

Options Indexes MultiViews FollowSymLinks

DirectoryIndex index.php index.html

AllowOverride all

Allow From all

</Directory>

***after this set host IP***

***going to c drive in windows***

c:/windows/system32/drivers/etc/host

192.168.72.80 deep.com www.deep.com

***Now activate ur apache site***

a2ensite deep.com

***Check your configuartion ok or not ok***

apache2ctl configtest

systemctl restart apache2

***Now Configure MYSQL By install MYSQL Server***

apt-get install mysql-server -y

ufw allow 3306/tcp

systemctl start mysql

systemctl enable mysql

***Then install below processes***

mysql\_secure\_installation (for security purpose)

*mysql -u root -p*

*mysql> create user 'deep'@'localhost' identified by 'temp';*

*mysql> GRANT ALL PRIVILEGES ON \*.\* TO 'deep'@'localhost';*

*mysql> create database books;*

*mysql> exit*

***Now Install php***

apt-get install php -y

***Now install PhpMyAdmin for web interface***

apt-get install phpmyadmin -y

systemctl restart apache2

***If the PhpMyAdmin package not enabled to work then run the following commands...;;;;;***

*cp /etc/phpmyadmin/apache.conf /etc/apache2/conf-available/phpmyadmin.conf*

*a2enconf phpmyadmin*

*systemctl restart apache2*

***Now go on browser;***

www.deep.com/phpmyadmin