**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. Many consider it the platform of choice on**

**which to develop and deploy high-performance web apps.**

**PhpMyAdmin is a free, open source, well known, fully-featured, and intuitive**

**web-based frontend for administering MySQL and MariaDB database.**

**It supports various database operations, and has many features that**

**allow you to easily manage your databases from a web interface;**

**ubuntu18.04 (static ip configuartion)**

#netplan generate

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

**the inside**

network:

version: 2

ethernets:

enp0s3:

dhcp4: no

addresses: [192.168.72.69/24]

gateway4: 192.168.72.1

nameservers:

addresses: [8.8.8.8,8.8.4.4]

#sudo netplan apply

**to chekc its work or not then we have to do**

#ping 8.8.8.8

**step for LAMP STACK(install and configuration)**

#apt-get update

#apt-get install apache2 -y

#ufw allow 80/tcp

#sudo ufw allow

**to create directory**

#cd /var/www/html/

#mkdir milt.com

#cd milt.com

#vi index.html

**then we to write anything inside of vi..!!!**

hey how r u ...!!!

:wq!(save and exit the current work)

#cd ..

**to add new user**

#useradd git

**to give ownership for the user**

#chown -Rf www-data:git mitlt.com

**to change the mode of user and give permission**

#chmod -Rf 775 /var/www/html/solk.com

**subdomain configuartion under**

#vi /etc/apache2/sites-available/solk.com.conf

<VirtualHost \*:80>

ServerAdmin milt.com

ServerName www.milt.com

DirectoryIndex index.html

DocumentRoot /var/www/html/milt.com

</VirtualHost>

**then inside we have to do this...!!!!**

**to give directory permissions in, if suddenly apache file closes then we have to use this file.....!!!!**

#vi /etc/apache2/apache2.conf

**then inside we have to do this...!!!!**

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

Options Indexes MultiViews FollowSymLinks

DirectoryIndex index.php index.html

AllowOverride all

Allow From all

</Directory>

zafter this we have set host ip

**going to c drive in windows**

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

**then open host file in notepad then**

**give your host ip in that...!!!!**

192.168.72.91 milt.com www.milt.com

**save it by using**

ctrl+s

**then**

**to enable ur apache site**

#a2ensite milt.com

**to test ur configuartion syntax ok or not**

#apache2ctl configtest

**to restart apache2 to implement your changes**

#systemctl restart apache2

**then we hae to configure Mysql**

**install MYSQL Server**

#apt-get install mysql-server -y

#ufw allow 3306/tcp

#systemctl start mysql

#sudo systemctl enable mysql

#mysql\_secure\_installation (for security purpose)

#mysql -u root -p

mysql> create user 'abhi'@'localhost' identified by 'temp';

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

mysql> create database books;

mysql> exit

**install php**

#sudo apt-get install php -y

**install phpmyadmin for web interface**

#apt-get install phpmyadmin

#systemctl restart apache2

**NOTE: If the PhpMyAdmin package has not been enable to work with**

**apache web server automatically, run the following commands**

# sudo cp /etc/phpmyadmin/apache.conf /etc/apache2/conf-available/phpmyadmin.conf

# sudo a2enconf phpmyadmin

# systemctl restart apache2

**go to browser and type URL**

www.milt.com/phpmyadmin

**\*\*\*\*\*\_\_\_\_\_\_\_\_\*\*\*\*\*\***

**if any quires u can follow this links**

1) https://www.digitalocean.com/community/tutorials/how-to-install-linux-apache-mysql-php-lamp-stack-ubuntu-18-04

2) https://www.tecmint.com/install-lamp-with-phpmyadmin-in-ubuntu-18-04/