INSTALLATION OF APACHE2 WEB SERVER

First Download apache web server by typing the command below, at the terminal prompt.

$ sudo apt install apache2

**INSTALLATION OF MYSQL**

Second step is download mysql by typing the command below at the terminal prompt.

$ sudo apt install mysql-server

During the installation process you will be prompted to enter a password for the MySQL root user.

Once the installation is complete, the MySQL server should be started automatically. You can run the following command from a terminal prompt to check whether the MySQL server is running:

$ sudo netstat -tap | grep mysql

When you run this command, you should see the following line or something similar:

tcp 0 0 localhost:mysql \*:\* LISTEN 12530/mysqld

If the server is not running correctly, you can type the following command to start it:

sudo systemctl restart mysql.service

**INSTALLATION OF WORDPRESS**

To install *WordPress*, run the following comand in the command prompt:

sudo apt install wordpress

**CONFIGURATION**

For configuring the wordpress application, configure an apache site. Open /etc/apache2/sites-available and create a conf. for wordpress by typing the command.

sudo nano /etc/apache2/sites-available/wordpress.conf

And write the following commands below.

Alias /blog /usr/share/wordpress

<Directory /usr/share/wordpress>

Options FollowSymLinks

AllowOverride Limit Options FileInfo

DirectoryIndex index.php

Order allow,deny

Allow from all

</Directory>

<Directory /usr/share/wordpress/wp-content>

Options FollowSymLinks

Order allow, deny

Allow from all

</Directory>

Then after that, enable the new WordPress site

sudo a2ensite wordpress

And then restart apache2 web server

sudo systemctl restart apache2.service

Now configure WordPress to use a mysql database. Open /etc/wordpress/config-“your ip-addr”.php

sudo nano /etc/wordpress/config-“your ip-addr”.php

Then write the following lines.

<?php

define(‘DB\_NAME’, ’wordpress’);

define(‘DB\_USER’, ’wordpress’);

define(‘DB\_PASSWORD’, ’yourpassword’);

define(‘DB\_HOST’, ’localhost’);

define(‘WP\_CONTENT\_DIR’, ’/usr/share/wordpress/wp-content’);

?>

Create a mysql database. Open a temporary file name it wordpress.sql by typing the command

sudo nano wordpress.sql

Then write the following lines.

CREATE DATABASE wordpress;

GRANT SELECT,INSERT,UPDATE,DELETE,CREATE,DROP,ALTER

ON wordpress.\*

TO wordpress@localhost

IDENTIFIED BY ‘yourpassword’;

FLUSH PRIVILEGES;

Then type the command

cat wordpress.sql | sudo mysql - -defaults-extra-file=/etc/mysql/debian.cnf

After that you can now configure your WordPress by visiting “your ip-addr”/blog/wp-admin/install.php Then fill out the information needed for your site like the title of the site,username,password and e-mail then click install wordpress.