**-> Installing process of LAMP on Ubuntu 14.04:**

1. Open the Terminal and type-in all the below commands.

$ sudo apt-get install apache2

$ sudo apt-get install mysql-server

$ sudo apt-get install php5 libapache2-mod-php5

$ sudo /etc/init.d/apache2 restarty

2. Open a web browser and navigate to http://localhost/.

3. Type the Below command to see whether the PHP is working or not.

$ php -r 'echo "\n\nYour PHP installation is working fine.\n\n\n";'

**-> Running the Apache server from Remote computer:**

1. Check your IP address , by typing ifconfig command in terminal

2. Copying some sample php of html files in /var/www/html.

3. Now open the Browser and type in the remote computer IP Address in it , for example http://10.10.27.124

*Note: The IP Address which you are entering in your browser , the computer must be in the same network which you are connect to either WIFI or LAN.*

4. Repeat the above step 1 ,2 , 3 on that remote computer , to check whether the your apche server is running or not.

**Below are the commands to RUN , STOP , RESTART the Apache Server::**

$sudo /etc/init.d/apache2 start *#To start the server*

$sudo /etc/init.d/apache2 stop *#To stop the server*

$sudo /etc/init.d/apache2 restart *#To restart the server*

**-> Making any Folder to serve as a Server using**

**Python SimpleHTTPServer :**

SimpleHTTPServer module that comes with Python is a simple HTTP server that provides standard GET and HEAD request handlers.

1)Open up a terminal and type:

$ cd /home/some\_directory

$ python -m SimpleHTTPServer

That's it! Now your http server will start in port 8000

2)Now open a browser and type in the remote address of the PC you want to access::

http://192.168.1.2:8000

You can also access it locally also :

http://127.0.0.1:8000

If the directory has a file named index.html, that file will be served as the initial file. If there is no index.html, then the files in the directory will be listed.

*#If you wish to change the port that's used start the program via:*

$ python -m SimpleHTTPServer 8080

*#To change Ownership of Folder or File we use the below command :*

$ sudo chmod -R 777 '/var/www'

**-> Remote Sharing of Files/Folders in Ubuntu :**

Using samba software we can send multiple files at a time

1. Install samba on the System:

sudo apt-get install system-config-samba

2. Create a folder you want to share. There may be a folder called "Public" choose that one if you want. Right click the folder icon and choose "Sharing Options." A new window will open up:

3. Click on the CheckBox "share this folder", and press Create Share Button

4. Now Right on the same folder and press Permission tab and set the permission accordingly.

5. Open Terminal and Type in the below command to install the openssh-server

$ sudo apt-get install openssh-server

Note : Now at this point ,all the packages are install and all the setting have been done.

6. Open the Nautilus and click on "connect to server" which at bottom-left side of the window

7. Now , type in the IP Address of the remote machine which you want to access the files ,

for example smb://10.10.24.209 and press connect button.

8. So you are now connected to the remote machine and can access the file which the remote machine as share.[[1]](#footnote-0)

1. [↑](#footnote-ref-0)