

Lab4

1. Using apt install apache2 server

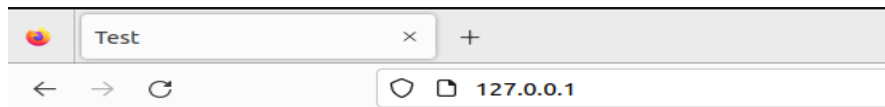
- Sudo apt install apache2 server
- sudo systemctl start apache2

```
omnia@Linuxxx:~$ sudo apt install apache2
[sudo] password for omnia:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
apache2 is already the newest version (2.4.52-1ubuntu4.4).
0 upgraded, 0 newly installed, 0 to remove and 218 not upgraded.
omnia@Linuxxx:~$ sudo systemctl start apache2
```

2. Replace the default index.html content with your own content

- cd /var/www/html
- sudo nano file1.html
- sudo mv file1.html index.html
- sudo systemctl restart apache2

```
omnia@Linuxxx:~$ cd /var/www/html
omnia@Linuxxx:/var/www/html$ sudo nano file1.html
omnia@Linuxxx:/var/www/html$ sudo mv file1.html index.html
omnia@Linuxxx:/var/www/html$ sudo systemctl restart apache2
```



Hello World

3. install php module for apache2

- sudo apt install libapache2-mod-php

4. create new Named VirtualHost to serve new php project with special access log

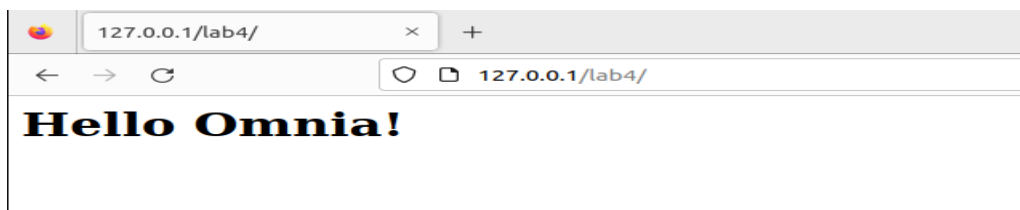
- `sudo mkdir lab4`

5. create simple index.php file for the php site

- `sudo nano lab4/index.php`

6. configure /etc/hosts for php site

- `sudo nano /etc/apache2/sites-available/lab4.conf`
- `sudo a2ensite lab4.conf`
- `sudo systemctl reload apache2`



7. disable directory listing for the new virtualhost

- `sudo nano /etc/apache2/sites-available/lab4.conf`

```
GNU nano 6.2 /etc/apache2/sites-available/lab4.conf *
<VirtualHost *:80>

    ServerAdmin webmaster@localhost
    ServerName lab4.local
    DocumentRoot /var/www/html/lab4

    ErrorLog /var/log/apache2/lab4.error.log
    CustomLog /var/log/apache2/lab4.access.log combined

    <Directory /var/www/html/lab4>
        Options -Indexes
        AllowOverride All
        Require all granted
    </Directory>
</VirtualHost>
```