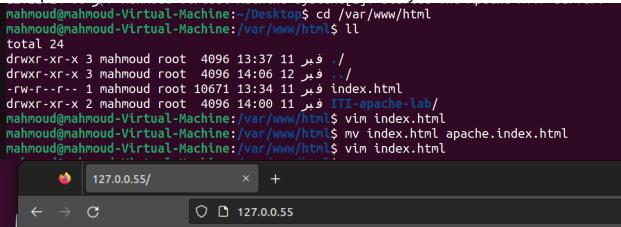
• Using apt install apache2 server

```
mahmoud@mahmoud-Virtual-Machine:~/Desktop$ sudo apt install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
mahmoud@mahmoud-Virtual-Machine:~/Desktop$ sudo systemctl status apache2

apache2.service - The Apache HTTP Server
    Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
    Active: active (running) since Sat 2023-04-08 12:21:24 EET; 3min 23s ago
```

Replace the default index.html content with your own content



Hello from apache server on ubuntu

ITI Lab 4 SysAdmin 2

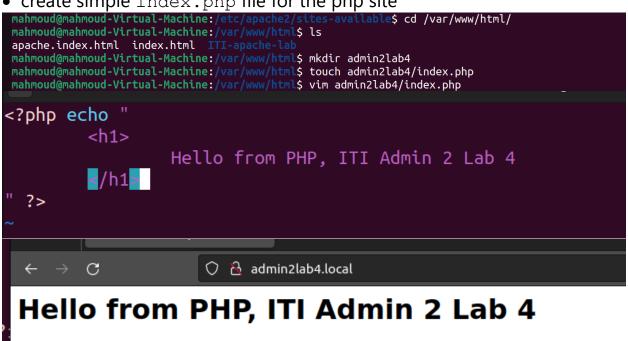
• install php module for apache2

```
mahmoud@mahmoud-Virtual-Machine:/var/www/html$ sudo apt install libapache2-mod-php
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
```

 create new Named VirtulHost to serve new php project with special access log

```
mahmoud@mahmoud-Virtual-Machine:/etc/apache2/sites-available$ cp 000-deccp: cannot create regular file '001-Admin2Lab2.conf': Permission denied
                                             e$ cp 000-default.conf 001-Admin2Lab2.conf
ahmoud@mahmoud-Virtual-Machine:/etc/apache2/sites-available$ sudo !!
sudo cp 000-default.conf 001-Admin2Lab2.conf
mahmoud@mahmoud-Virtual-Machine:/etc/apache2/sites-available$ sudo cp 000-default.conf 001-Admin2Lab2.conf
mahmoud@mahmoud-Virtual-Machine:/etc/apache2/sites-available$ ls
000-default.conf 001-Admin2Lab2.conf default-ssl.conf ITI-a<u>p</u>ache-lab.conf
 mahmoud@mahmoud-Virtual-Machine:/etc/apache2/sites-available$ sudo vim 001-Admin2Lab2.conf
<VirtualHost *:80>
           # The ServerName directive sets the request scheme, hos
           # the server uses to identify itself. This is used when
           # redirection URLs. In the context of virtual hosts, th
           # specifies what hostname must appear in the request's
           # match this virtual host. For the default virtual host
           # value is not decisive as it is used as a last resort
           # However, you must set it for any further virtual host
           ServerName www.admin2lab4.local
           ServerAdmin admin@localhost
           DocumentRoot /var/www/html/admin2lab4
```

create simple index.php file for the php site



• configure /etc/hosts for php site.

```
127.0.0.1 localhost
127.0.0.1 admin2lab4.local

mahmoud@mahmoud-Virtual-Machine:/var/www/html$ ping admin2lab4.local

PING admin2lab4.local (127.0.0.1) 56(84) bytes of data.
64 bytes from localhost (127.0.0.1): icmp_seq=1 ttl=64 time=0.039 ms
64 bytes from localhost (127.0.0.1): icmp_seq=2 ttl=64 time=0.075 ms
```

disable directory listing for the new virtualhost

```
mahmoud@mahmoud-Virtual-Machine:/var/www/html$ sudo vim /etc//apache2/sites-available/001-Admin2Lab2.conf
mahmoud@mahmoud-Virtual-Machine:/var/www/html$

<VirtualHost *:80>
    # The ServerName directive sets the request scheme, hostname and port that
    # the server uses to identify itself. This is used when creating
    # redirection URLs. In the context of virtual hosts, the ServerName
    # specifies what hostname must appear in the request's Host: header to
    # match this virtual host. For the default virtual host (this file) this
    # value is not decisive as it is used as a last resort host regardless.
    # However, you must set it for any further virtual host explicitly.
    ServerName www.admin2lab4.local

ServerAdmin admin@localhost
    DocumentRoot /var/www/html/admin2lab4

Options-Indexes
```

```
mahmoud@mahmoud-Virtual-Machine:/var/www/html$ apachectl -t
Syntax OK
```