

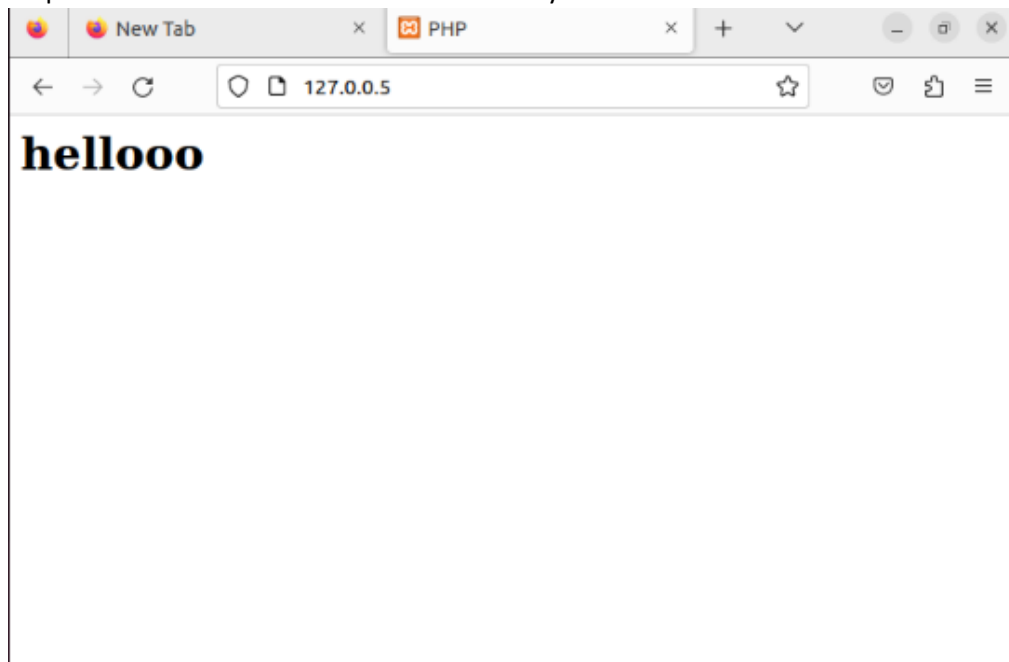
# Admin2

## Sara Hossam

- Using apt install apache2 server

```
sara@sara-VirtualBox:~$ sudo apt install apache2
[sudo] password for sara:
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 207 not upgraded.
sara@sara-VirtualBox:~$
```

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



- install php module for apache2

```
[23] ~$ sudo apt install libapache2-mod-php
sara@sara-VirtualBox:/var/www/html$ sudo apt install libapache2-mod-php
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libapache2-mod-php8.1 php-common php8.1-cli php8.1-common php8.1-opcache
  php8.1-readline
Suggested packages:
  php-pear
```

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

```
GNU nano 6.2                                001-Admin2Lab4.conf *
```

```
VirtualHost *:80>
    # The ServerName directive sets the request scheme, hostname and port
    # 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) th
    # 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/admin2lab4
```

- create simple index.php file for the php site

```
GNU nano 6.2                                admin2lab4/index.php *
```

```
<?php echo "
    Hello from PHP
"
?>
```

- configure /etc/hosts for php site.

```
GNU nano 6.2                                hosts
```

```
127.0.0.1    localhost
127.0.0.1    admin2lab4.local
```

- disable directory listing for the new virtualhost

```
GNU nano 6.2                                001-Admin2Lab4.conf *
```

```
VirtualHost *:80>
    # The ServerName directive sets the request scheme, hostname and port
    # 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) th
    # 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/admin2lab4
```